

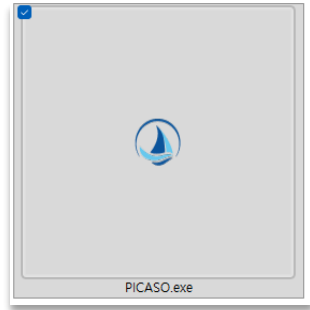
PICASO CoCO(Combined Climate Outlook)

: Seasonal Forecasting using ACCESS-S and CoCO

- Day 2, Morning Session
- Jin-Hyeok Choi

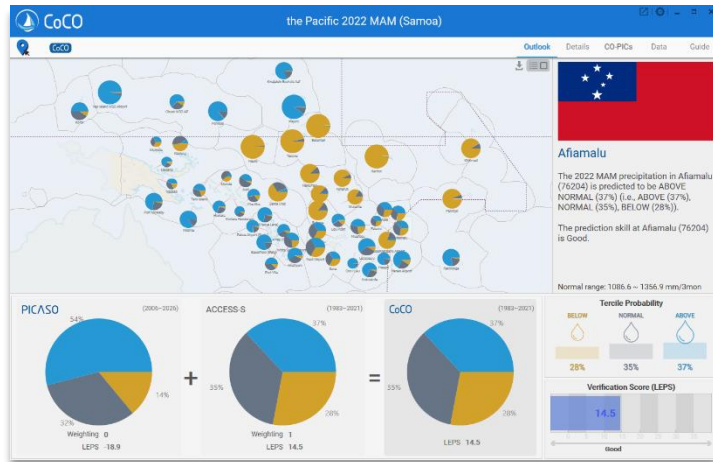
I. Preparation & Installing

Introduction to Core Programs



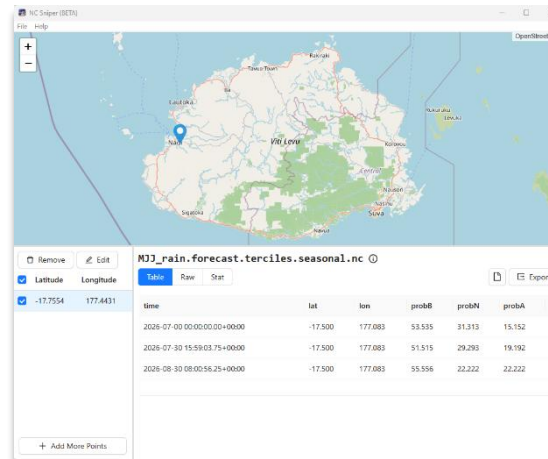
PICASO - CoCO

: Performs combined climate outlooks and statistical forecasting based on the CoCO system.



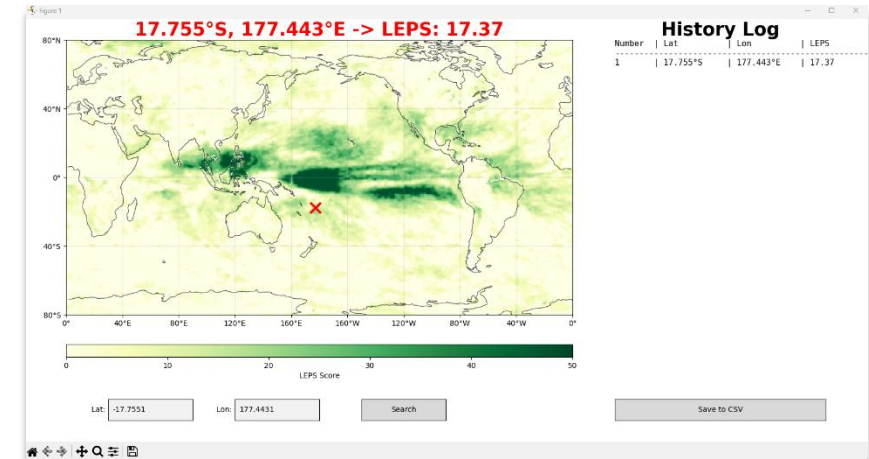
NC Sniper

: Extracts seasonal forecast data (AN, N, BN, etc.) from large-scale .nc files like ACCESS-S.



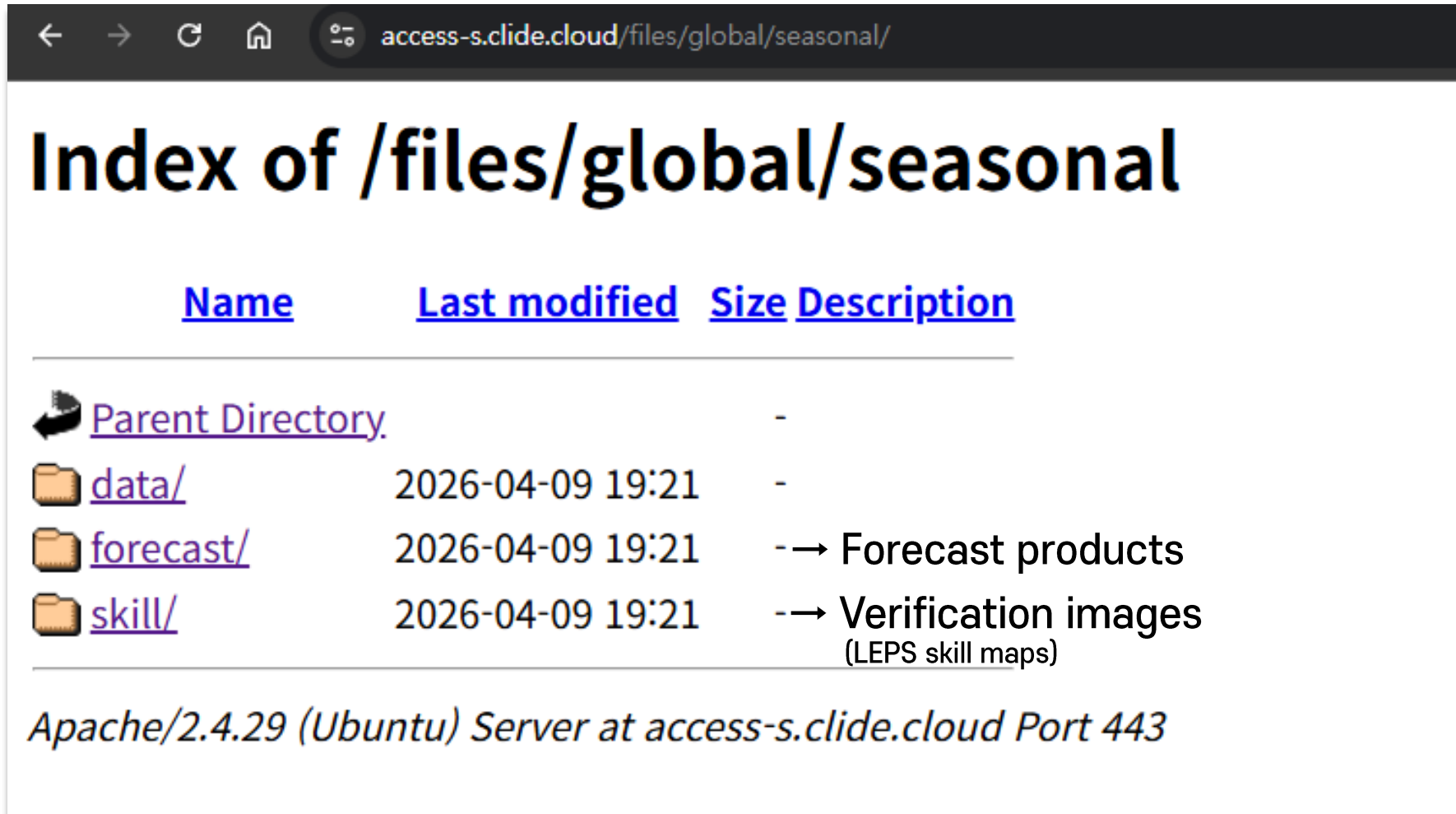
LEPS Viewer

: Analyzes and extracts numerical data from downloaded LEPS images.






Downloading ACCESS-S Seasonal Forecast Data

Go to: <https://access-s.clide.cloud/files/global/seasonal/>



The screenshot shows a web browser window with the address bar containing the URL access-s.clide.cloud/files/global/seasonal/. The main content area displays the title "Index of /files/global/seasonal" and a table of files and directories. The table has four columns: Name, Last modified, Size, and Description. The entries are: Parent Directory (with a back arrow icon), data/ (with a folder icon), forecast/ (with a folder icon), and skill/ (with a folder icon). The forecast/ and skill/ entries have descriptions: "Forecast products" and "Verification images (LEPS skill maps)" respectively. At the bottom of the page, it says "Apache/2.4.29 (Ubuntu) Server at access-s.clide.cloud Port 443".

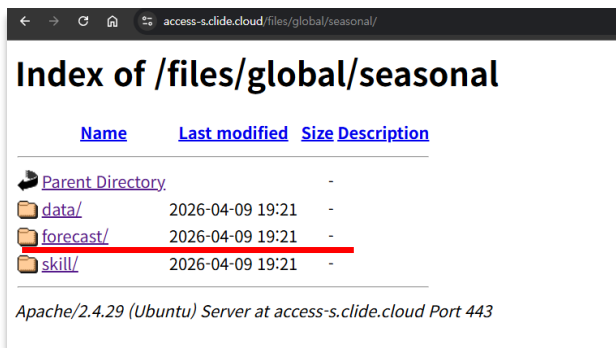
| <u>Name</u> | <u>Last modified</u> | <u>Size</u> | <u>Description</u> |
|--|----------------------|-------------|--|
|  Parent Directory | | - | |
|  data/ | 2026-04-09 19:21 | - | |
|  forecast/ | 2026-04-09 19:21 | - | → Forecast products |
|  skill/ | 2026-04-09 19:21 | - | → Verification images (LEPS skill maps) |

Apache/2.4.29 (Ubuntu) Server at access-s.clide.cloud Port 443

For CoCO rainfall analysis, download: rain.forecast.terciles.seasonal.nc

Downloading ACCESS-S Seasonal Forecast Data

Go to: <https://access-s.clide.cloud/files/global/seasonal/>



Index of /files/global/seasonal

| Name | Last modified | Size | Description |
|------------------|------------------|------|-------------|
| Parent Directory | - | - | - |
| data/ | 2026-04-09 19:21 | - | - |
| <u>forecast/</u> | 2026-04-09 19:21 | - | - |
| skill/ | 2026-04-09 19:21 | - | - |

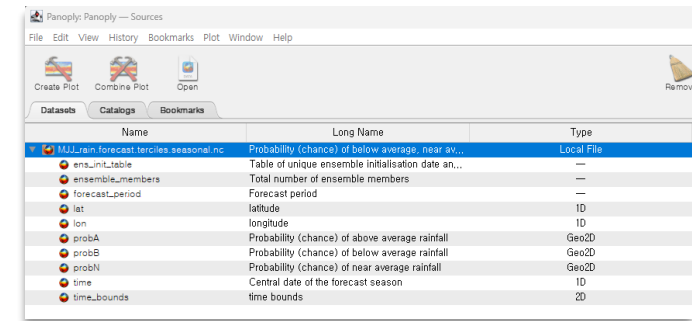
Apache/2.4.29 (Ubuntu) Server at access-s.clide.cloud Port 443



Index of /files/global/seasonal/data

| Name | Last modified | Size | Description |
|---|------------------|------|-------------|
| Parent Directory | - | - | - |
| mslp.forecast.anom.seasonal.nc | 2026-04-09 19:21 | 1.2M | |
| olr.forecast.anom.seasonal.nc | 2026-04-09 19:21 | 1.3M | |
| rain.forecast.anom.seasonal.nc | 2026-04-09 19:21 | 1.3M | |
| rain.forecast.median.seasonal.nc | 2026-04-09 19:21 | 837K | |
| <u>rain.forecast.terciles.seasonal.nc</u> | 2026-04-09 19:21 | 2.4M | |
| ssh.forecast.anom.seasonal.nc | 2026-04-08 10:13 | 7.3M | |
| sst.forecast.anom.seasonal.nc | 2026-04-08 10:13 | 6.1M | |
| sst.forecast.full_field.seasonal.nc | 2026-04-08 10:13 | 9.8M | |
| tmax.forecast.anom.seasonal.nc | 2026-04-09 19:21 | 1.2M | |
| tmax.forecast.median.seasonal.nc | 2026-04-09 19:21 | 586K | |
| tmax.forecast.terciles.seasonal.nc | 2026-04-09 19:21 | 1.7M | |
| tmin.forecast.anom.seasonal.nc | 2026-04-09 19:21 | 1.2M | |
| tmin.forecast.median.seasonal.nc | 2026-04-09 19:21 | 572K | |
| tmin.forecast.terciles.seasonal.nc | 2026-04-09 19:21 | 1.7M | |

Apache/2.4.29 (Ubuntu) Server at access-s.clide.cloud Port 443



Panoply: Panoply — Sources

| Name | Long Name | Type |
|--|--|------------|
| MJJ_rain.forecast.terciles.seasonal.nc | Probability (chance) of below average, near av... | Local File |
| ens_init_table | Table of unique ensemble initialisation date an... | — |
| ensemble_members | Total number of ensemble members | — |
| forecast_period | Forecast period | — |
| lat | latitude | ID |
| lon | longitude | ID |
| probA | Probability (chance) of above average rainfall | Geo2D |
| probB | Probability (chance) of below average rainfall | Geo2D |
| probN | Probability (chance) of near average rainfall | Geo2D |
| time | Central date of the forecast season | ID |
| time_bounds | time bounds | 2D |

For CoCO rainfall analysis, download: [rain.forecast.terciles.seasonal.nc](#)

Downloading ACCESS-S Seasonal Forecast Data



Panoply: Panoply — Sources

File Edit View History Bookmarks Plot Window Help

Create Plot Combine Plot Open Remove

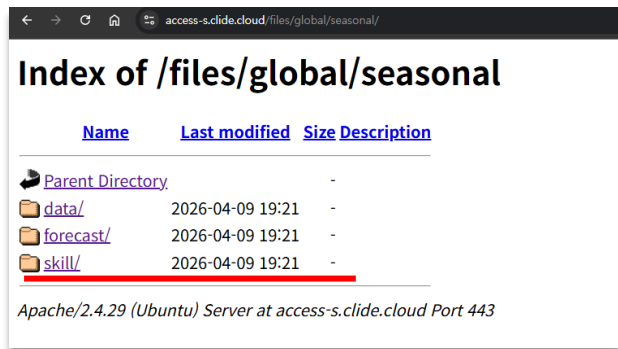
Datasets Catalogs Bookmarks

| Name | Long Name | Type |
|--|--|------------|
| ▼ MJJ_rain.forecast.terciles.seasonal.nc | Probability (chance) of below average, near av... | Local File |
| ens_init_table | Table of unique ensemble initialisation date an... | — |
| ensemble_members | Total number of ensemble members | — |
| forecast_period | Forecast period | — |
| lat | latitude | 1D |
| lon | longitude | 1D |
| probA | Probability (chance) of above average rainfall | Geo2D |
| probB | Probability (chance) of below average rainfall | Geo2D |
| probN | Probability (chance) of near average rainfall | Geo2D |
| time | Central date of the forecast season | 1D |
| time_bounds | time bounds | 2D |

- **Open .nc file in Panoply to inspect variables:**
 - probA → Probability of Above Normal
 - probN → Probability of Near Normal
 - probB → Probability of Below Normal

Downloading ACCESS-S Seasonal Forecast Data

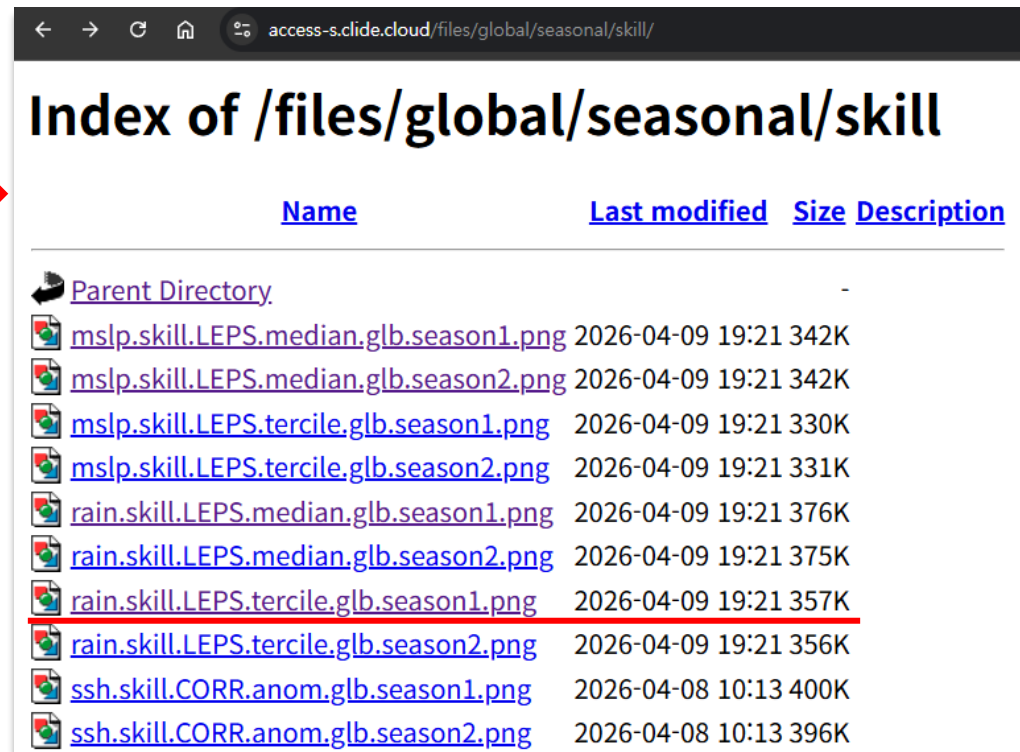
Go to: <https://access-s.clide.cloud/files/global/seasonal/>



Index of /files/global/seasonal

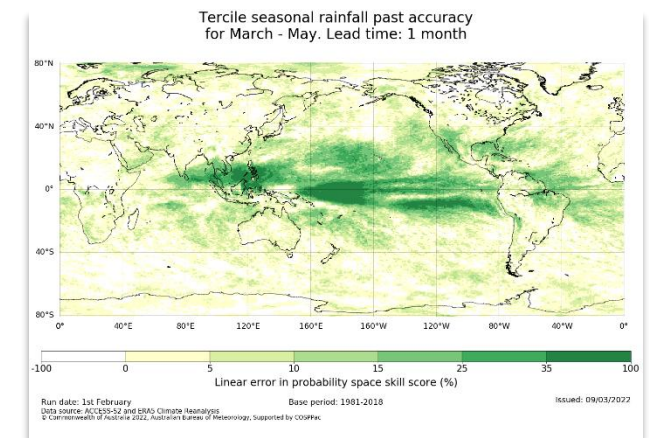
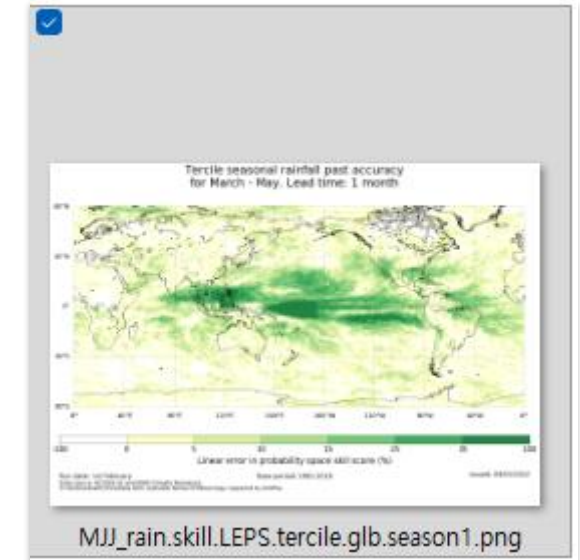
| Name | Last modified | Size | Description |
|---------------------------|------------------|------|-------------|
| Parent Directory | - | - | - |
| data/ | 2026-04-09 19:21 | - | - |
| forecast/ | 2026-04-09 19:21 | - | - |
| skill/ | 2026-04-09 19:21 | - | - |

Apache/2.4.29 (Ubuntu) Server at access-s.clide.cloud Port 443



Index of /files/global/seasonal/skill

| Name | Last modified | Size | Description |
|---|------------------|------|-------------|
| Parent Directory | - | - | - |
| mslp.skill.LEPS.median.glb.season1.png | 2026-04-09 19:21 | 342K | |
| mslp.skill.LEPS.median.glb.season2.png | 2026-04-09 19:21 | 342K | |
| mslp.skill.LEPS.tercile.glb.season1.png | 2026-04-09 19:21 | 330K | |
| mslp.skill.LEPS.tercile.glb.season2.png | 2026-04-09 19:21 | 331K | |
| rain.skill.LEPS.median.glb.season1.png | 2026-04-09 19:21 | 376K | |
| rain.skill.LEPS.median.glb.season2.png | 2026-04-09 19:21 | 375K | |
| rain.skill.LEPS.tercile.glb.season1.png | 2026-04-09 19:21 | 357K | |
| rain.skill.LEPS.tercile.glb.season2.png | 2026-04-09 19:21 | 356K | |
| ssh.skill.CORR.anom.glb.season1.png | 2026-04-08 10:13 | 400K | |
| ssh.skill.CORR.anom.glb.season2.png | 2026-04-08 10:13 | 396K | |



For CoCO LEPS, download: [rain.skill.LEPS.tercile.glb.season1.png](#)

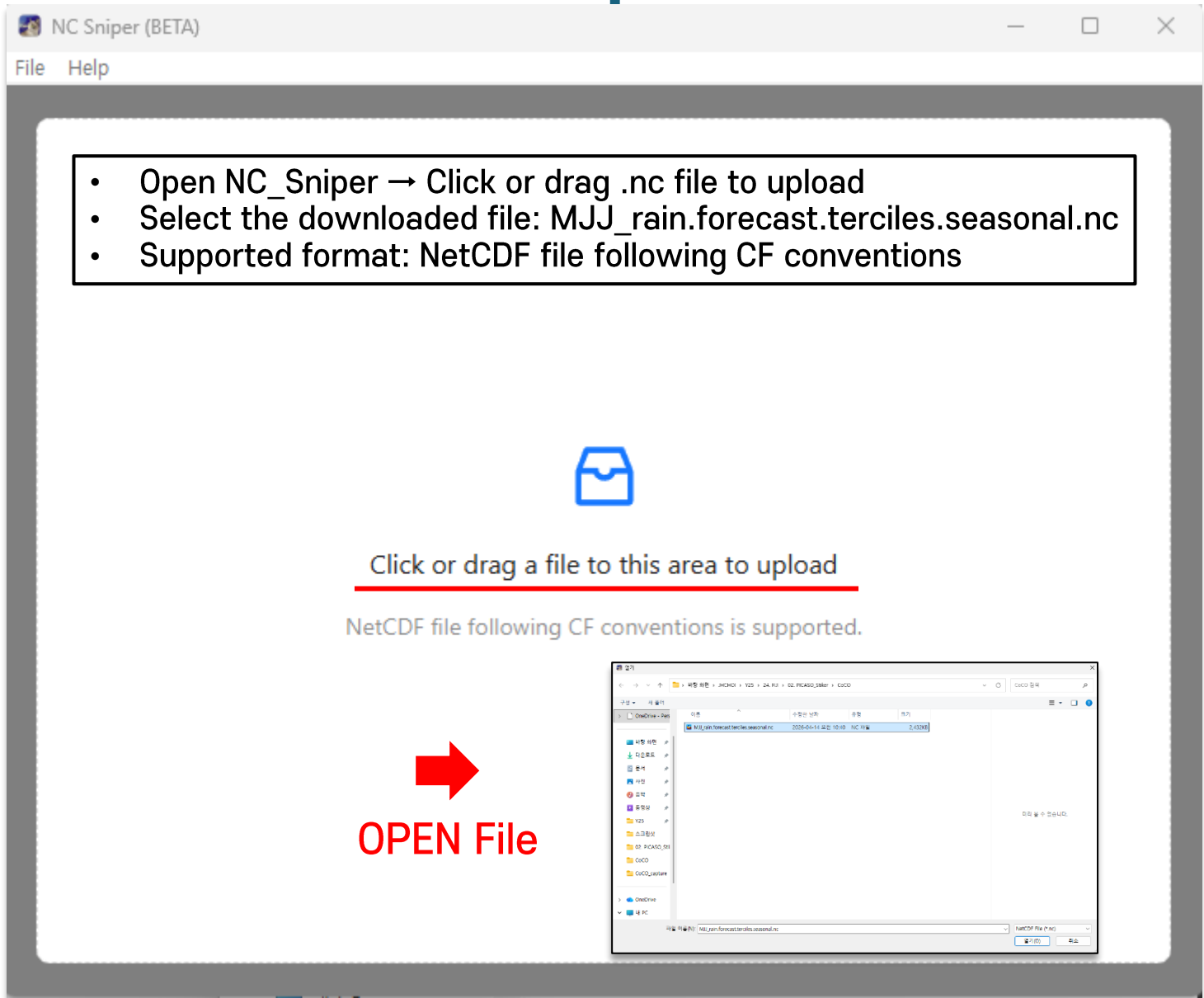
Extracting Forecast Data with NC Sniper



OPEN

NC_Sniper

: Extracts seasonal forecast data (AN, N, BN, etc.) from large-scale .nc files like ACCESS-S.



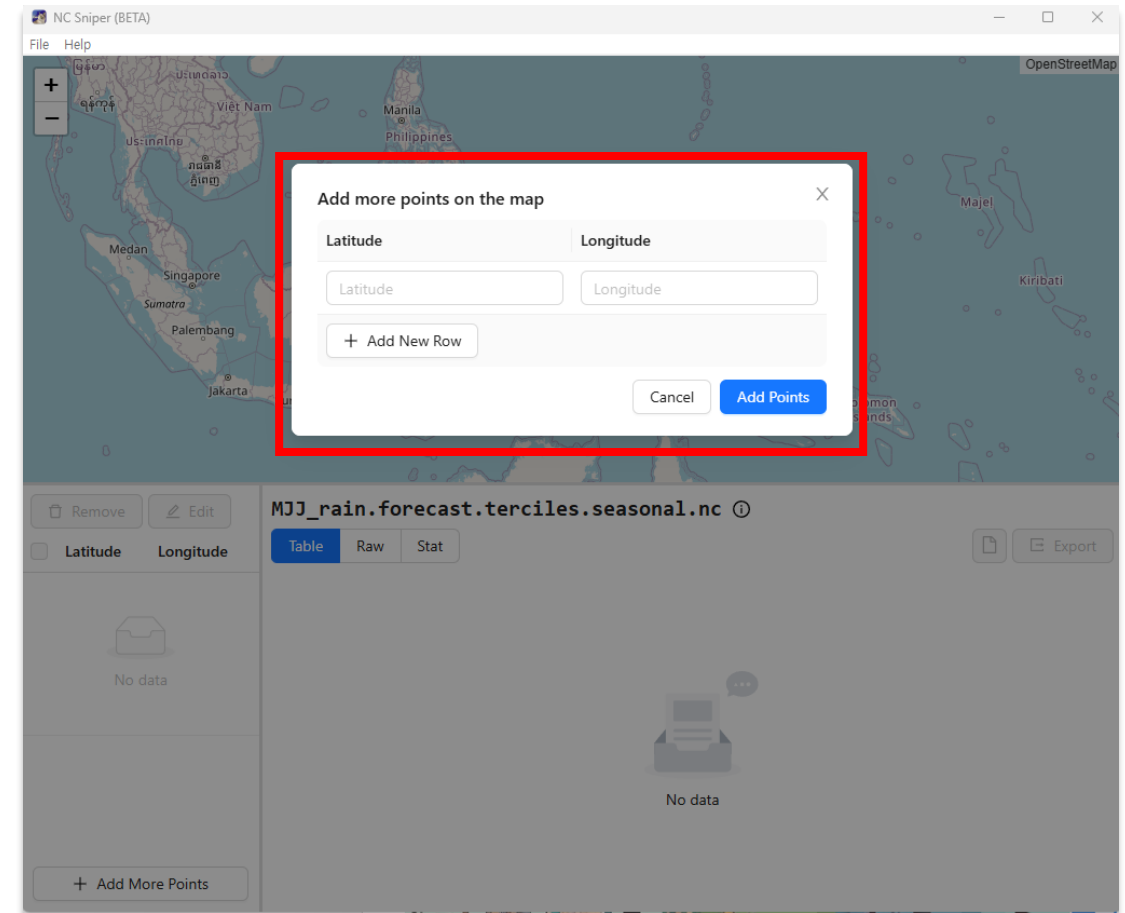
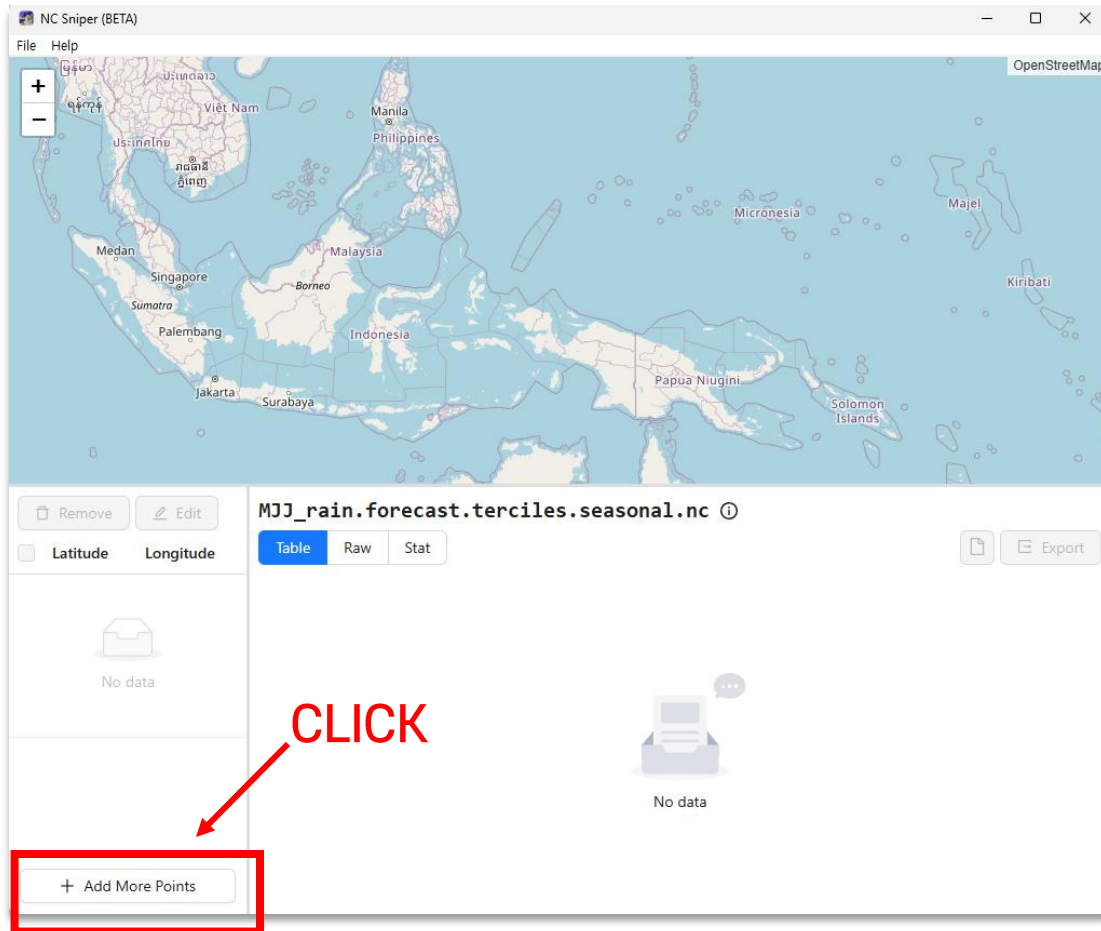
- Open NC_Sniper → Click or drag .nc file to upload
- Select the downloaded file: MJJ_rain.forecast.terciles.seasonal.nc
- Supported format: NetCDF file following CF conventions

Click or drag a file to this area to upload

NetCDF file following CF conventions is supported.

OPEN File

Extracting Forecast Data with NC Sniper



- File loaded successfully → Map displays the data coverage area
- Bottom panel shows file name and data tabs (Table / Raw / Stat)
- No data extracted yet → Need to add target coordinates

Extracting Forecast Data with NC Sniper

NC Sniper (BETA)

File Help

OpenStreetMap

Add more points on the map

Latitude Longitude

-17.7554 177.4431

+ Add New Row

Cancel Add Points

MJJ_rain.forecast.terciles.seasonal.nc

Latitude

No data

+ Add More Points

e.g., Lat: -17.7554, Lon: 177.4431 for Nadi, Fiji

- Click "+ Add More Points" at the bottom left
- Enter target coordinates
- Click "+ Add New Row" to add multiple locations
- Click "Add Points" to confirm



NC Sniper (BETA)

File Help

OpenStreetMap

MJJ_rain.forecast.terciles.seasonal.nc

Remove Edit

Latitude Longitude

-17.7554 177.4431

Table Raw Stat

time lat lon probB probN probA

| | | | | | |
|------------------------------|---------|---------|--------|--------|--------|
| 2026-07-00 00:00:00.00+00:00 | -17.500 | 177.083 | 53.535 | 31.313 | 15.152 |
| 2026-07-30 15:59:03.75+00:00 | -17.500 | 177.083 | 51.515 | 29.293 | 19.192 |
| 2026-08-30 08:00:56.25+00:00 | -17.500 | 177.083 | 55.556 | 22.222 | 22.222 |

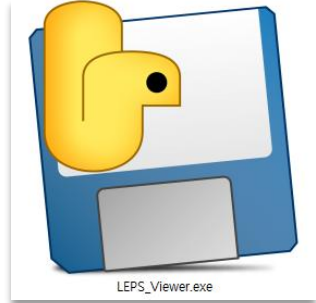
MJJ_rain.forecast.terciles.seasonal.nc

Table Raw Stat

time lat lon probB probN probA

| | | | | | |
|------------------------------|---------|---------|--------|--------|--------|
| 2026-07-00 00:00:00.00+00:00 | -17.500 | 177.083 | 53.535 | 31.313 | 15.152 |
| 2026-07-30 15:59:03.75+00:00 | -17.500 | 177.083 | 51.515 | 29.293 | 19.192 |
| 2026-08-30 08:00:56.25+00:00 | -17.500 | 177.083 | 55.556 | 22.222 | 22.222 |

Extracting LEPS Scores with LEPS Viewer

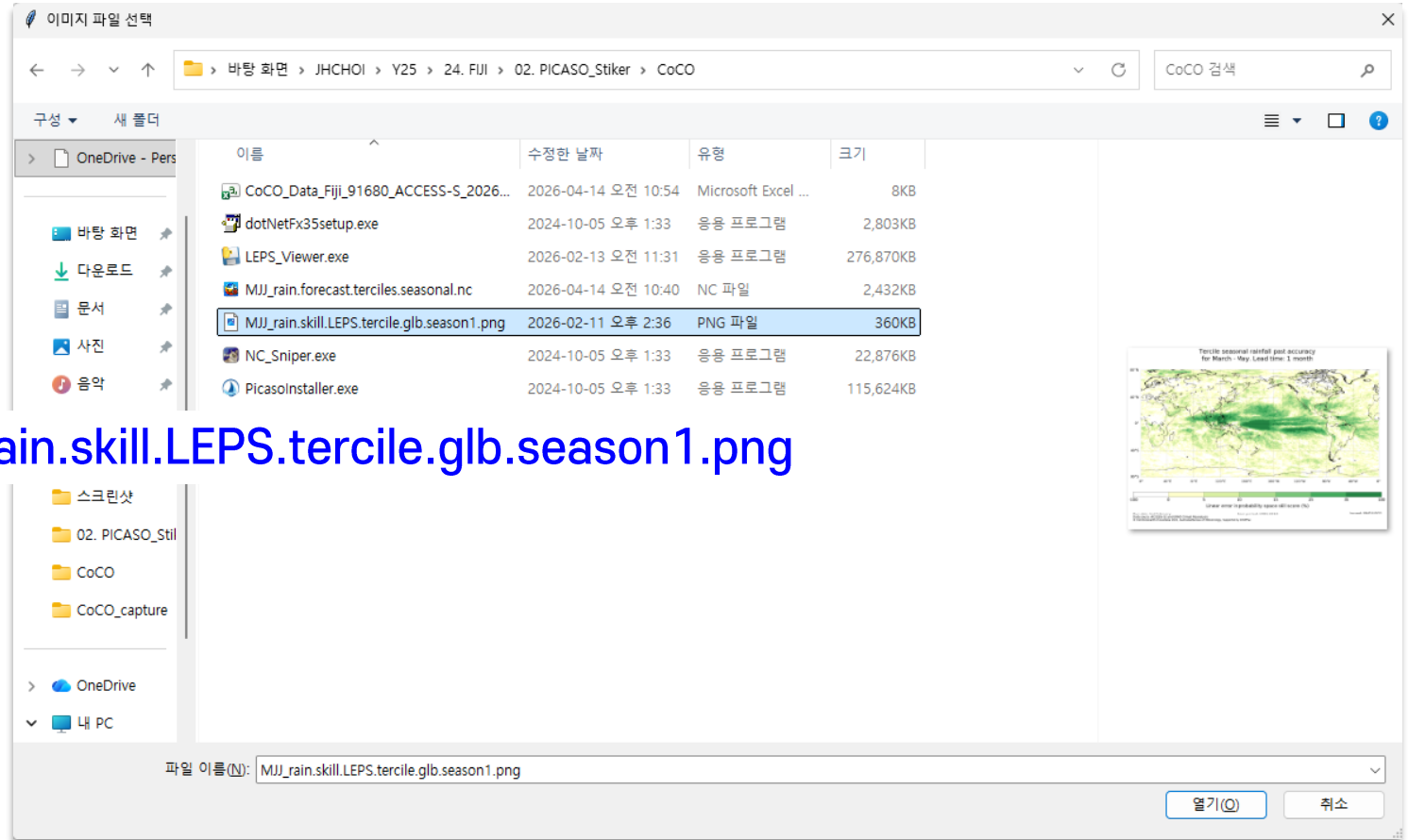


LEPS Viewer

: Analyzes and extracts numerical data from downloaded LEPS images.



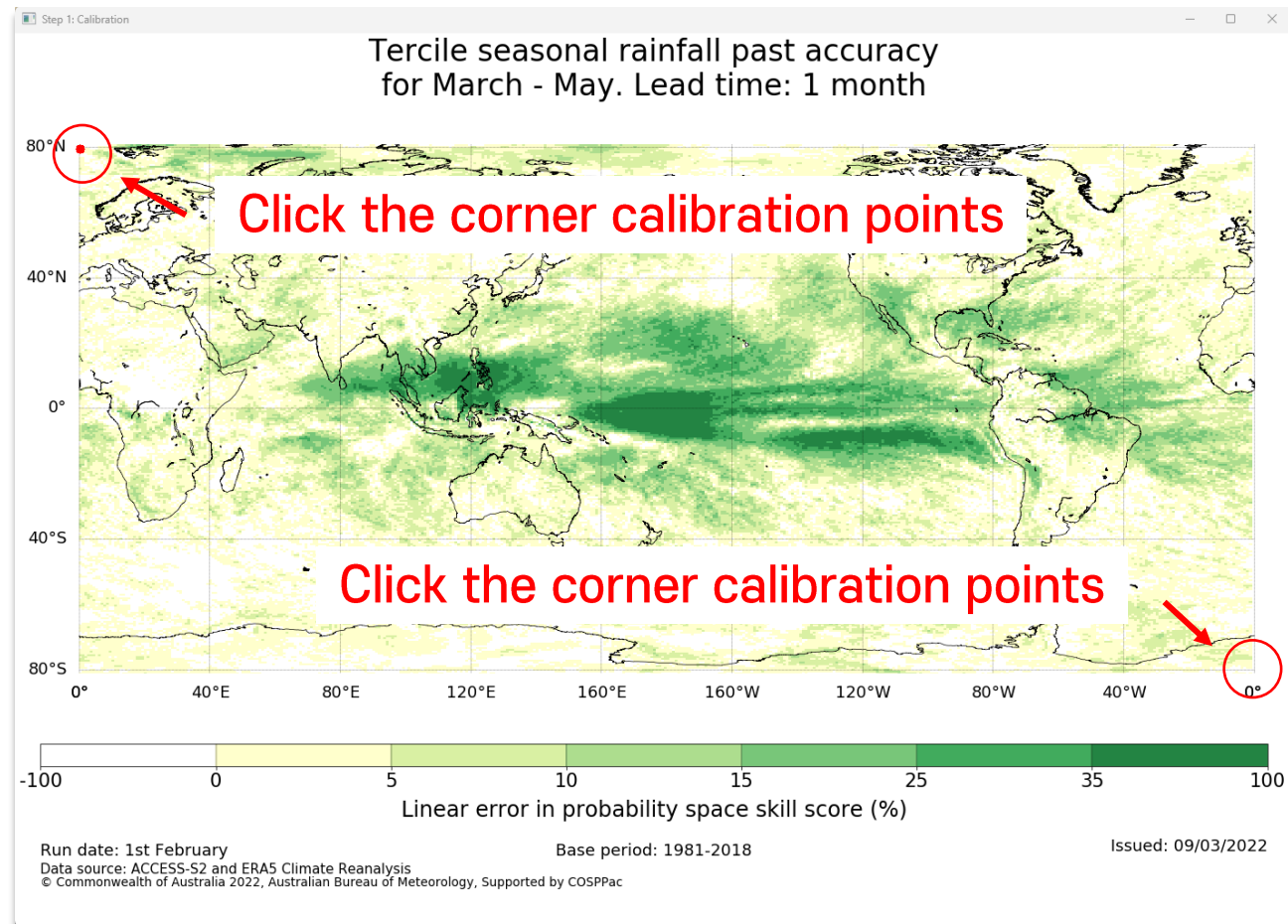
e.g., `MJJ_rain.skill.LEPS.tercile.glb.season1.png`



- Open LEPS_Viewer.exe
- Select the downloaded LEPS skill image:
- Calibration window opens automatically

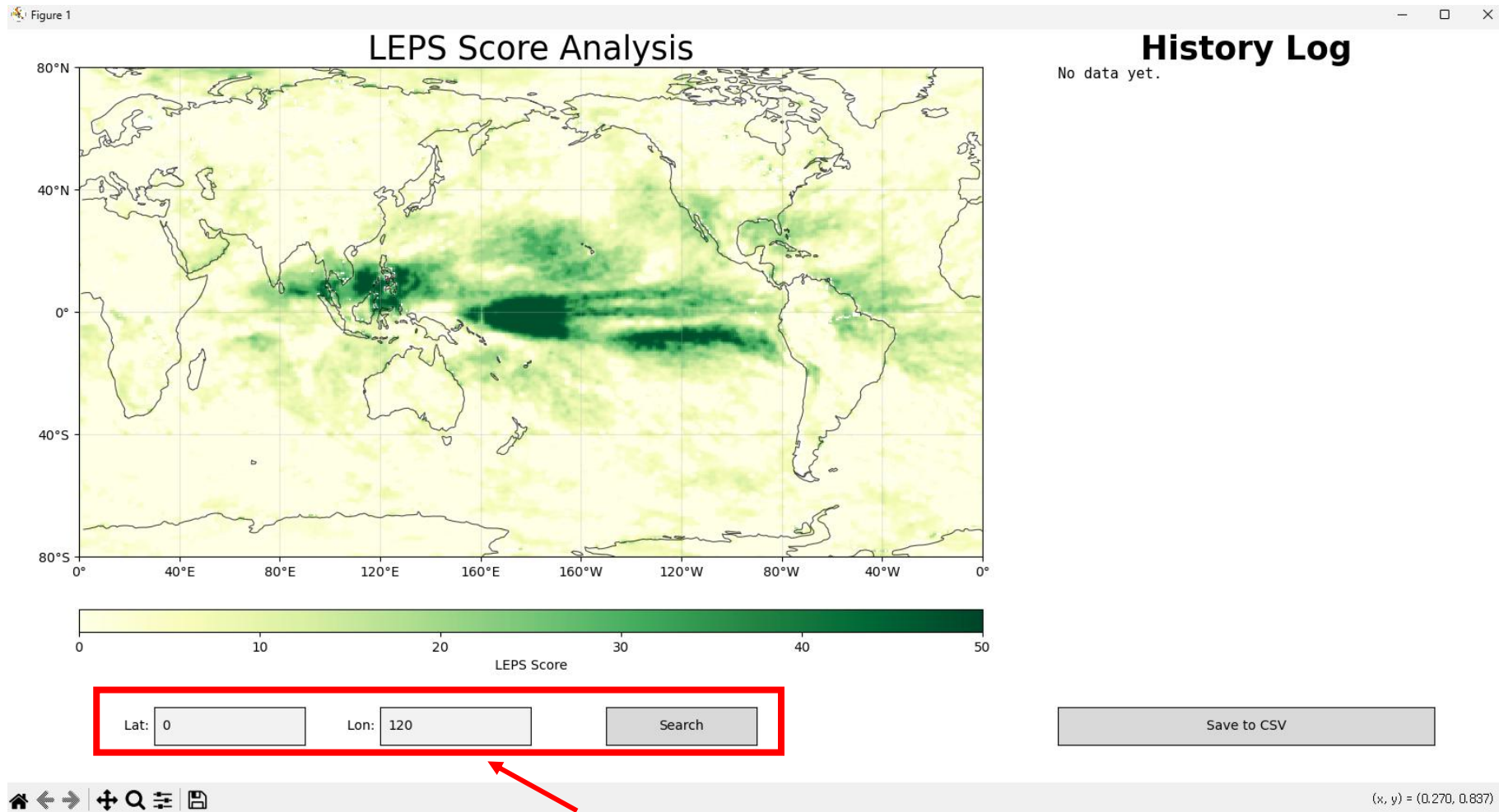
Extracting LEPS Scores with LEPS Viewer

➔
OPEN IMAGE



- After calibration, the LEPS Score Analysis window appears
- Click the two red calibration points on the map

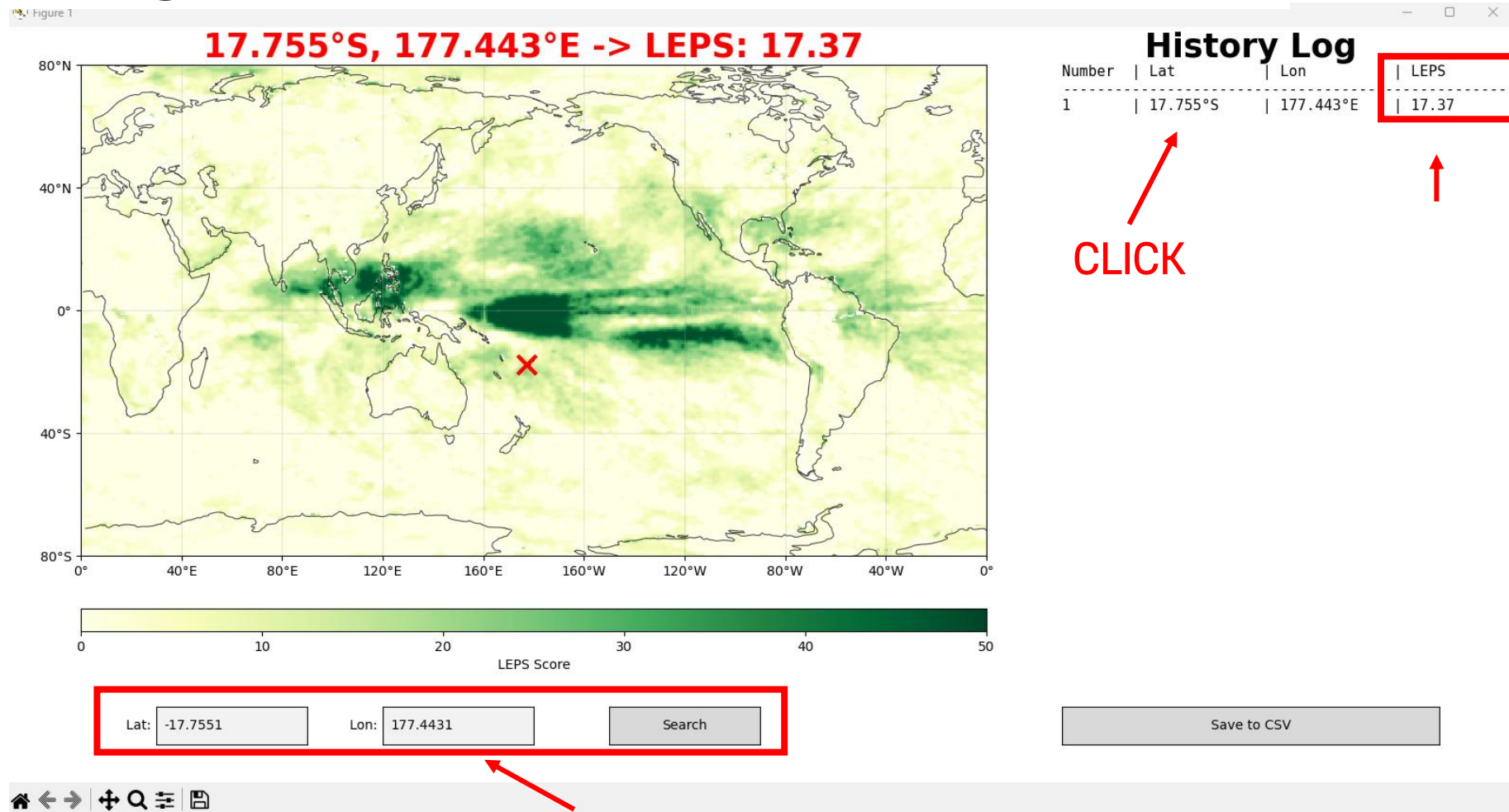
Extracting LEPS Scores with LEPS Viewer



e.g., Lat: -17.7551, Lon: 177.4431 for Nadi, Fiji

- Bottom: Enter Lat and Lon → Click "Search"
- Right panel: History Log records all searched points

Extracting LEPS Scores with LEPS Viewer

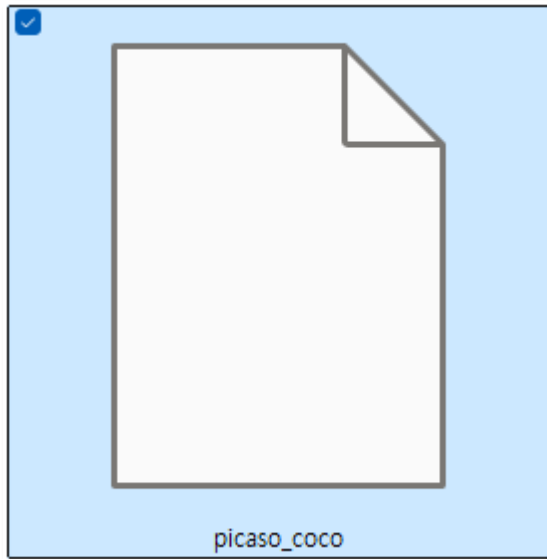


e.g., Lat: -17.7551, Lon: 177.4431 for Nadi, Fiji

- Click "Search" → Red X marker appears on map
- Top banner shows result: 17.755°S, 177.443°E → LEPS: 17.37
- History Log records: Number, Lat, Lon, LEPS score

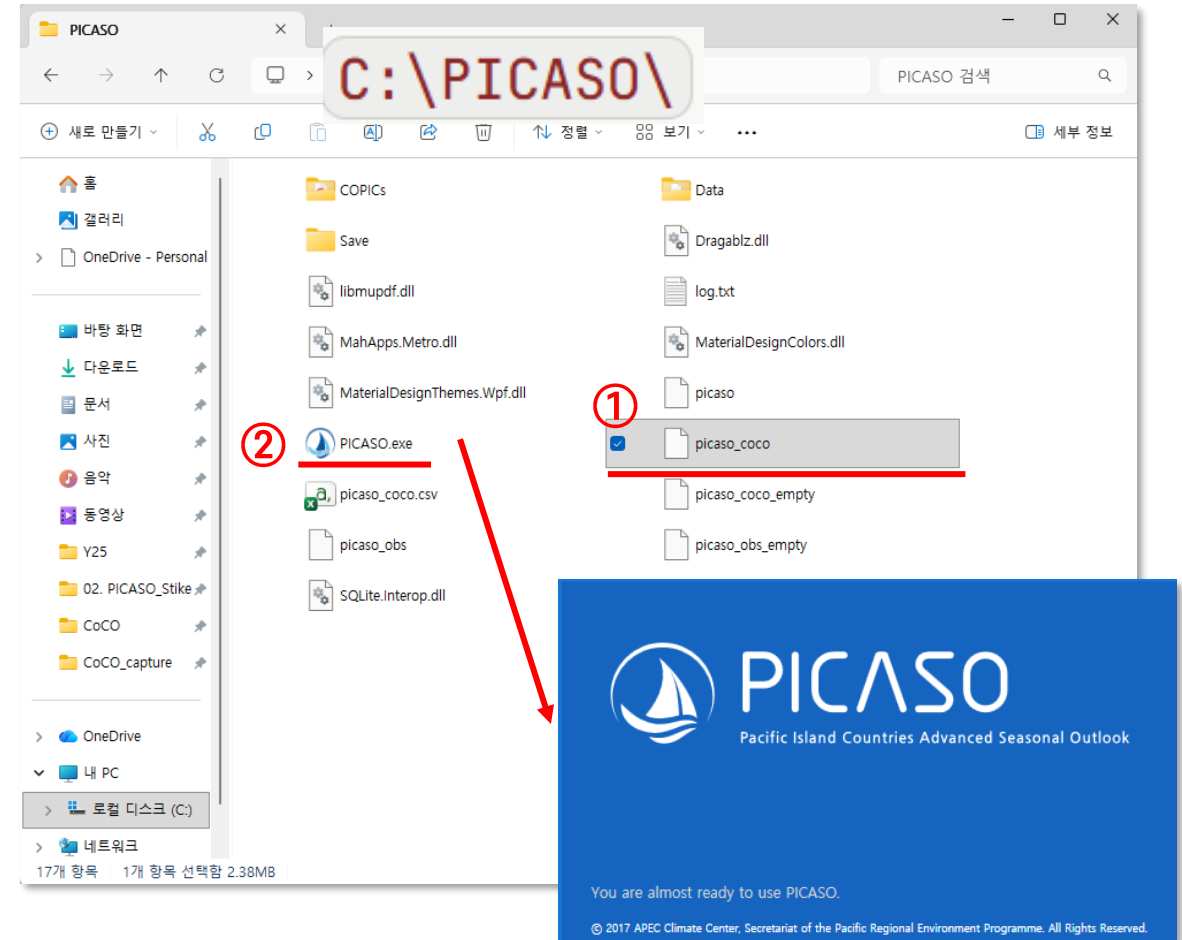
Setting Up and Launching PICASO

C:\WPICASO



Copy and paste the
picaso_coco file into

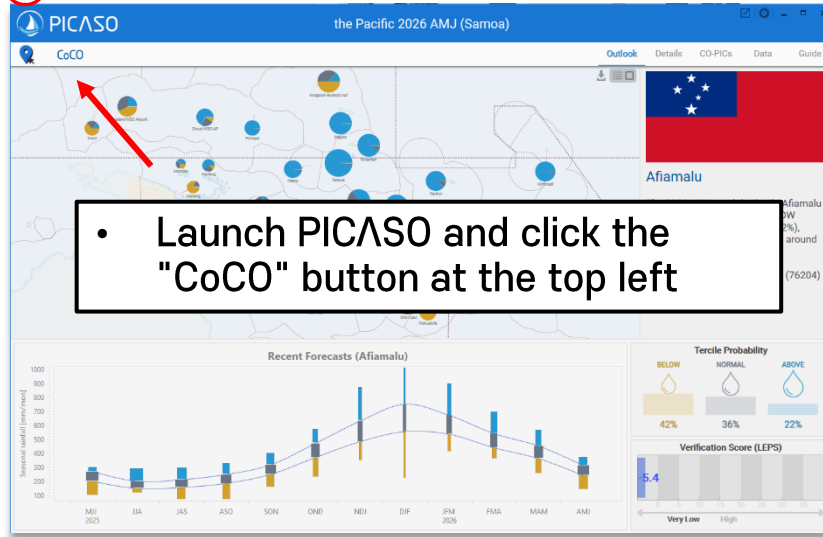
C:\PICASO\



- Copy picaso_coco file to **C:\PICASO** directory
- This file contains the CoCo forecast data generated from NC_Sniper and LEPS Viewer results
- Make sure the file is placed in the same folder as PICASO.exe

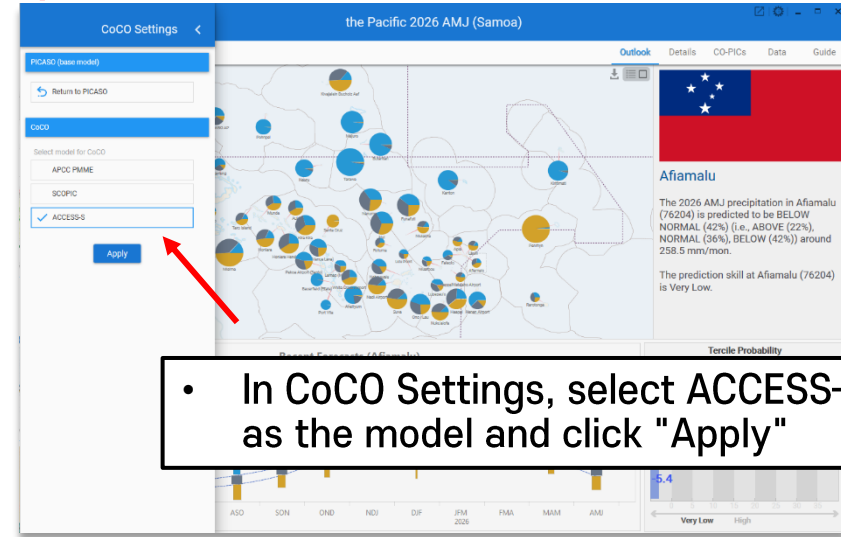
Running CoCO with ACCESS-S Data

①



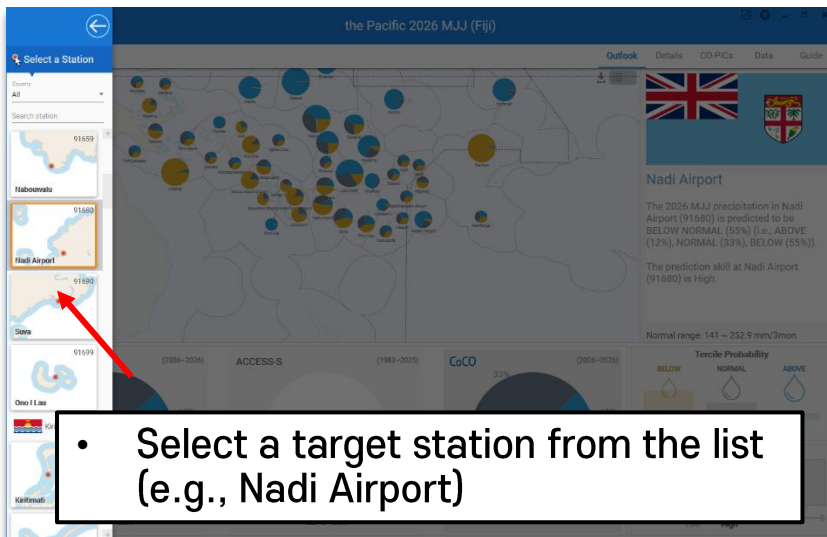
- Launch PICASO and click the "CoCO" button at the top left

②



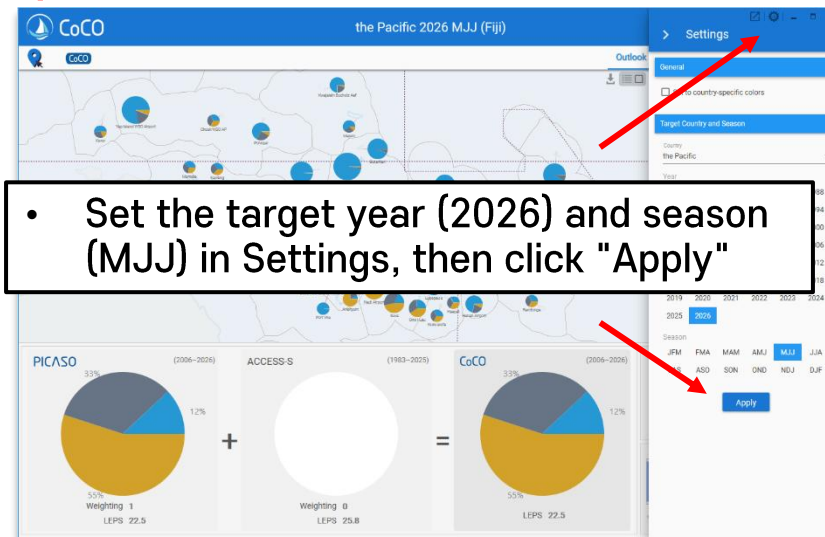
- In CoCO Settings, select ACCESS-S as the model and click "Apply"

③



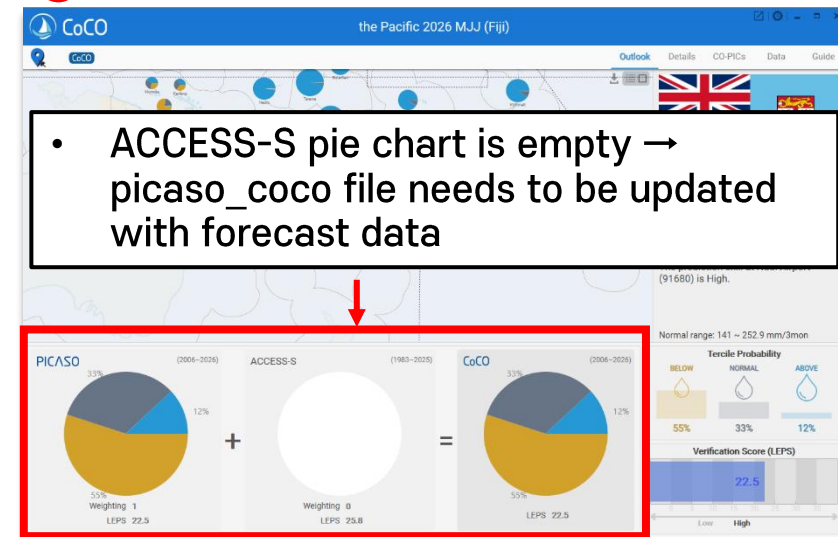
- Select a target station from the list (e.g., Nadi Airport)

④



- Set the target year (2026) and season (MJJ) in Settings, then click "Apply"

⑤



- ACCESS-S pie chart is empty → picaso_coco file needs to be updated with forecast data

Editing ACCESS-S Data in CoCO

1

2

3

4

| Year | JFM | FMA | MAM | AMJ | MJJ | JJA | JAS | ASO | SON | OND | NDJ | DJF |
|------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| 2024 | 53.4 / 34.4 / 12.2 | 37.4 / 41.4 / 21.2 | 43 / 45.3 / 11.7 | 40 / 32.4 / 27.6 | 59.1 / 35.6 / 5.3 | 36.4 / 44.3 / 19.3 | 44 / 42.2 / 13.8 | 18.8 / 34.1 / 47.1 | 10.7 / 31.3 / 58 | 17.6 / 33.3 / 49.1 | 56.5 / 37.1 / 6.4 | / / |
| 2023 | 0 / 7.1 / 92.9 | 9.2 / 35 / 55.8 | 12.1 / 30.8 / 57.1 | 32.5 / 27.9 / 39.6 | 23.5 / 22.9 / 53.6 | 29.8 / 39.3 / 30.9 | 4.9 / 22.1 / 73 | 44 / 36.6 / 19.4 | 49.1 / 46.4 / 4.5 | 56.4 / 33.2 / 10.4 | 56.5 / 37.1 / 6.4 | 77.5 / 19.4 / 3.1 |
| 2022 | 12.6 / 36.5 / 50.9 | 14.5 / 35.8 / 49.7 | 0 / 2.1 / 97.9 | 1.6 / 25.5 / 72.9 | 4.7 / 14.1 / 81.2 | 8.7 / 18.7 / 72.6 | 6.4 / 29.6 / 64 | 1.2 / 15.7 / 83.1 | 0.1 / 2.8 / 97.1 | 1.8 / 14.4 / 83.8 | 0.5 / 11.5 / 88 | 7 / 22.4 / 70.6 |
| 2018 | 12.6 / 34.2 / 53.2 | 8 / 40.8 / 51.2 | 12.3 / 45.2 / 42.5 | 12.2 / 26.4 / 61.4 | 37.7 / 40.6 / 21.7 | 50 / 36.4 / 13.6 | 47.7 / 42.2 / 10.1 | 36.7 / 44.1 / 19.2 | 55.9 / 32.8 / 11.3 | 46.6 / 50 / 3.4 | 35.4 / 40.5 / 24.1 | 41.4 / 41.2 / 17.4 |
| 2017 | 21.2 / 46.5 / 32.3 | 27.9 / 32.8 / 39.3 | 22.6 / 38.2 / 39.2 | 46.8 / 36.6 / 16.6 | 22.7 / 43.9 / 33.4 | 23.8 / 38.1 / 38.1 | 26.3 / 40.7 / 33 | 20.5 / 35.8 / 43.7 | 25.3 / 46.8 / 27.9 | 9 / 46.1 / 44.9 | 5 / 22.4 / 72.6 | 10.5 / 34.5 / 55 |
| 2016 | 71.5 / 22.8 / 5.7 | 66.3 / 26.5 / 7.2 | 73.4 / 21.1 / 5.5 | 67.5 / 30 / 2.5 | 75.1 / 22.7 / 2.2 | 56.9 / 32.5 / 10.6 | 60.3 / 33.5 / 6.2 | 37 / 37.5 / 25.5 | 26 / 37.9 / 36.1 | 17.3 / 41.5 / 41.2 | 9 / 42.6 / 48.4 | 15.5 / 56.3 / 28.2 |
| 2015 | 31.9 / 53.5 / 14.6 | 23.8 / 58.6 / 17.6 | 40.1 / 35.7 / 24.2 | 62 / 32.7 / 5.3 | 54.9 / 28.5 / 16.6 | 62.9 / 31.6 / 5.5 | 55.4 / 31.1 / 13.5 | 56.3 / 28.7 / 15 | 69.6 / 21.6 / 8.8 | 81.7 / 17.2 / 1.1 | 93.6 / 6.3 / 0.1 | 78.8 / 17.8 / 3.4 |
| 2014 | 6.6 / 30.5 / 62.9 | 5.9 / 40.3 / 53.8 | 17.7 / 33 / 49.3 | 21.9 / 41.7 / 36.4 | 43.3 / 34.8 / 21.9 | 35.5 / 38.9 / 25.6 | 38.1 / 32.8 / 29.1 | 40 / 36.9 / 23.1 | 51.9 / 39.2 / 8.9 | 43.3 / 51.1 / 5.6 | 41 / 44.6 / 14.4 | 49.9 / 31.9 / 18.2 |
| 2013 | 32.6 / 49 / 18.4 | 21.5 / 28.3 / 50.2 | 13.8 / 29.1 / 57.1 | 26.4 / 31 / 42.6 | 32.5 / 45.1 / 22.4 | 20.1 / 38.4 / 41.5 | 29.6 / 40.9 / 29.5 | 19.8 / 38.9 / 41.3 | 15.3 / 33.9 / 50.8 | 18.3 / 39.1 / 42.6 | 14.2 / 40.4 / 45.4 | 15.6 / 38.2 / 46.2 |
| 2012 | 3.6 / 20.9 / 75.5 | 12.7 / 22.3 / 65 | 8.8 / 25.8 / 65.4 | 14.4 / 23.7 / 61.9 | 20.7 / 29.6 / 49.7 | 15.6 / 31.8 / 52.6 | 23.5 / 33.9 / 42.6 | 31.1 / 43.8 / 25.1 | 30 / 32.9 / 37.1 | 31 / 39.4 / 29.6 | 28.2 / 48.4 / 23.4 | 27.8 / 41.4 / 30.8 |
| 2011 | 5.7 / 18.3 / 76 | 5.2 / 31 / 63.8 | 3.9 / 24.5 / 71.6 | 3.3 / 19.1 / 77.6 | 8.7 / 17.6 / 73.7 | 3.8 / 16.1 / 80.1 | 13.5 / 26.1 / 60.4 | 11.4 / 22.4 / 66.2 | 5 / 28 / 67 | 6.5 / 16.5 / 77 | 1.7 / 16.8 / 81.5 | 0.9 / 12.5 / 86.6 |
| 2010 | 65.1 / 25 / 9.9 | 85.5 / 13.9 / 0.6 | 62 / 28.6 / 9.4 | 68.1 / 27.2 / 4.7 | 56.4 / 37.6 / 6 | 55.8 / 38.1 / 6.1 | 18.9 / 30.8 / 50.3 | 12.6 / 25.1 / 62.3 | 5.4 / 14.6 / 80 | 0.1 / 1.7 / 98.2 | 0 / 1.6 / 98.4 | 0.8 / 14.5 / 84.7 |
| 2009 | 6 / 35.3 / 58.7 | 1.4 / 26.6 / 72 | 7.6 / 21.4 / 71 | 12.3 / 29.5 / 58.2 | 24.2 / 46.1 / 29.7 | 29.6 / 34.8 / 35.6 | 34.6 / 34.2 / 31.2 | 44.2 / 36.3 / 19.5 | 60.4 / 35.8 / 3.8 | 65.3 / 30.4 / 4.3 | 59 / 38.3 / 2.7 | 79.3 / 17.4 / 3.3 |
| 2008 | 0.2 / 7.4 / 92.4 | 3.4 / 19.7 / 76.9 | 6.1 / 25.5 / 68.4 | 11.6 / 19.6 / 68.8 | 7.9 / 22.2 / 69.9 | 2 / 21.4 / 76.6 | 12.7 / 17.1 / 70.2 | 15.2 / 27.4 / 57.4 | 12.5 / 21.5 / 66 | 10.2 / 21 / 68.8 | 2.3 / 22.7 / 75 | 7.3 / 26.1 / 66.6 |



1

| Year | JFM | FMA | MAM | AMJ | MJJ | JJA | JAS | ASO | SON | OND | NDJ | DJF |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 2026 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2025 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2024 | 53.4 | 34.4 | 12.2 | 37.4 | 41.4 | 21.2 | 43.0 | 45.3 | 11.7 | 40.0 | 32.4 | 27.6 |
| 2023 | 0.0 | 7.1 | 92.9 | 9.2 | 35.0 | 55.8 | 12.1 | 30.8 | 57.1 | 32.5 | 27.9 | 39.6 |
| 2022 | 12.6 | 36.5 | 50.9 | 14.5 | 35.8 | 49.7 | 0.0 | 2.1 | 97.9 | 1.6 | 25.5 | 72.9 |
| 2018 | 12.6 | 34.2 | 53.2 | 8.0 | 40.8 | 51.2 | 12.3 | 45.2 | 42.5 | 12.2 | 26.4 | 61.4 |
| 2017 | 21.2 | 46.5 | 32.3 | 27.9 | 32.8 | 39.3 | 22.6 | 38.2 | 39.2 | 46.8 | 36.6 | 16.6 |
| 2016 | 71.5 | 22.8 | 5.7 | 66.3 | 26.5 | 7.2 | 73.4 | 21.1 | 5.5 | 67.5 | 30.0 | 2.5 |
| 2015 | 31.9 | 53.5 | 14.6 | 23.8 | 58.6 | 17.6 | 40.1 | 35.7 | 24.2 | 62.0 | 32.7 | 5.3 |
| 2014 | 6.6 | 30.5 | 62.9 | 5.9 | 40.3 | 53.8 | 17.7 | 33.0 | 49.3 | 21.9 | 41.7 | 36.4 |
| 2013 | 32.6 | 49.0 | 18.4 | 21.5 | 28.3 | 50.2 | 13.8 | 29.1 | 57.1 | 26.4 | 31.0 | 42.6 |
| 2012 | 3.6 | 20.9 | 75.5 | 12.7 | 22.3 | 65.0 | 8.8 | 25.8 | 65.4 | 14.4 | 23.7 | 61.9 |
| 2011 | 5.7 | 18.3 | 76.0 | 5.2 | 31.0 | 63.8 | 3.9 | 24.5 | 71.6 | 3.3 | 19.1 | 77.6 |
| 2010 | 65.1 | 25.0 | 9.9 | 85.5 | 13.9 | 0.6 | 62.0 | 28.6 | 9.4 | 68.1 | 27.2 | 4.7 |

- Click the "Data" tab → Select "CoCO" tab → Click "ACCESS-S" data → Click "Edit" button (top right)

- Click "Insert Row" (top right) to create a new row for the year 2026

Editing ACCESS-S Data in CoCO

| History Log | | | |
|-------------|----------|-----------|-------|
| Number | Lat | Lon | LEPS |
| 1 | 17.755°S | 177.443°E | 17.37 |

the Pacific 2026 MJJ (Fiji)

ACCESS-S Seasonal Forecast / Nadi Airport

| Year | (B) | JFM (B) | (A) | (B) | FMA (B) | (A) | (B) | MAM (B) | (A) | (B) | AMJ (B) | (A) | (B) | MJJ (B) | (A) | (B) | JJA (B) | (A) | (B) | JAS (B) | (A) | (B) | ASO (B) | (A) | (B) |
|------|------|---------|------|------|---------|------|------|---------|------|------|---------|------|------|---------|------|------|---------|------|------|---------|------|------|---------|------|------|
| 2026 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2025 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2024 | 53.4 | 34.4 | 12.2 | 37.4 | 41.4 | 21.2 | 43.0 | 45.3 | 11.7 | 40.0 | 32.4 | 27.6 | 59.1 | 35.6 | 5.3 | 26.4 | 44.3 | 19.3 | 44.0 | 42.2 | 13.8 | 18.8 | 34.1 | 47.1 | 10.7 |
| 2023 | 0.0 | 7.1 | 92.9 | 9.2 | 35.0 | 55.8 | 12.1 | 30.8 | 57.1 | 32.5 | 27.9 | 39.6 | 23.5 | 22.9 | 53.6 | 29.8 | 39.3 | 30.9 | 4.9 | 22.1 | 73.0 | 44.0 | 36.6 | 19.4 | 49.1 |
| 2022 | 12.6 | 36.5 | 50.9 | 14.5 | 35.8 | 49.7 | 0.0 | 2.1 | 97.9 | 1.6 | 25.5 | 72.9 | 4.7 | 14.1 | 81.2 | 8.7 | 18.7 | 72.6 | 6.4 | 29.6 | 64.0 | 1.2 | 15.7 | 83.1 | 0.1 |
| 2018 | 12.6 | 34.2 | 53.2 | 8.0 | 40.8 | 51.2 | 12.3 | 45.2 | 42.5 | 12.2 | 26.4 | 61.4 | 37.7 | 40.6 | 21.7 | 50.0 | 36.4 | 13.6 | 47.7 | 42.2 | 10.1 | 36.7 | 44.1 | 19.2 | 55.9 |
| 2017 | 21.2 | 46.5 | 32.3 | 27.9 | 32.8 | 39.3 | 22.6 | 38.2 | 39.2 | 46.8 | 36.6 | 16.6 | 22.7 | 43.9 | 33.4 | 23.8 | 38.1 | 38.1 | 26.3 | 40.7 | 33.0 | 20.5 | 35.8 | 43.7 | 25.3 |
| 2016 | 71.5 | 22.8 | 5.7 | 66.3 | 26.5 | 7.2 | 73.4 | 21.1 | 5.5 | 67.5 | 30.0 | 2.5 | 75.1 | 22.7 | 2.2 | 56.9 | 32.5 | 10.6 | 60.3 | 33.5 | 6.2 | 37.0 | 37.5 | 25.5 | 26.0 |
| 2015 | 31.9 | 53.5 | 14.6 | 23.8 | 58.6 | 17.6 | 40.1 | 35.7 | 24.2 | 62.0 | 32.7 | 5.3 | 54.9 | 28.5 | 16.6 | 62.9 | 31.6 | 5.5 | 55.4 | 31.1 | 13.5 | 56.3 | 28.7 | 15.0 | 69.6 |
| 2014 | 6.6 | 30.5 | 62.9 | 5.9 | 40.3 | 53.8 | 17.7 | 33.0 | 49.3 | 21.9 | 41.7 | 36.4 | 43.3 | 34.8 | 21.9 | 35.5 | 38.9 | 25.6 | 38.1 | 32.8 | 29.1 | 40.0 | 36.9 | 23.1 | 51.9 |
| 2013 | 32.6 | 49.0 | 18.4 | 21.5 | 28.3 | 50.2 | 13.8 | 29.1 | 57.1 | 26.4 | 31.0 | 42.6 | 32.5 | 45.1 | 22.4 | 20.1 | 38.4 | 41.5 | 29.6 | 40.9 | 29.5 | 19.8 | 38.9 | 41.3 | 15.3 |
| 2012 | 3.6 | 20.9 | 75.5 | 12.7 | 22.3 | 65.0 | 8.8 | 25.8 | 65.4 | 14.4 | 23.7 | 61.9 | 20.7 | 29.6 | 49.7 | 15.6 | 31.8 | 52.6 | 23.5 | 33.9 | 42.6 | 31.1 | 43.8 | 25.1 | 30.0 |
| 2011 | 5.7 | 18.3 | 76.0 | 5.2 | 31.0 | 63.8 | 3.9 | 24.5 | 71.6 | 3.3 | 19.1 | 77.6 | 8.7 | 17.6 | 73.7 | 3.8 | 16.1 | 80.1 | 13.5 | 26.1 | 60.4 | 11.4 | 22.4 | 66.2 | 50.0 |
| 2010 | 65.1 | 25.0 | 9.9 | 85.5 | 13.9 | 0.6 | 62.0 | 28.6 | 9.4 | 68.1 | 27.2 | 4.7 | 56.4 | 37.6 | 6.0 | 55.8 | 38.1 | 6.1 | 18.9 | 30.8 | 50.3 | 12.6 | 25.1 | 62.3 | 5.4 |

MJJ_rain.forecast.terciles.seasonal.nc ⓘ

Table Raw Stat

Export

| time | lat | lon | probB | probN | probA |
|------------------------------|---------|---------|--------|--------|--------|
| 2026-07-00 00:00:00.00+00:00 | -17.500 | 177.083 | 53.535 | 31.313 | 15.152 |
| 2026-07-30 15:59:03.75+00:00 | -17.500 | 177.083 | 51.515 | 29.293 | 19.192 |
| 2026-08-30 08:00:56.25+00:00 | -17.500 | 177.083 | 55.556 | 22.222 | 22.222 |

the Pacific 2026 MJJ (Niue)

ACCESS-S Seasonal Forecast / Hanan Airport

| Year | (B) | JFM (B) | (A) | (B) | FMA (B) | (A) | (B) | MAM (B) | (A) | (B) | AMJ (B) | (A) | (B) | MJJ (B) | (A) | (B) | JJA (B) | (A) | (B) | JAS (B) | (A) | (B) | ASO (B) | (A) | (B) |
|------|------|---------|------|------|---------|------|------|---------|------|------|---------|------|------|---------|------|------|---------|------|------|---------|------|------|---------|------|------|
| 2026 | - | - | - | - | - | - | - | - | - | - | - | - | - | 53.5 | 31.3 | 15.2 | - | - | - | - | - | - | - | - | - |
| 2025 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2024 | 60.7 | 31.7 | 7.6 | 52.3 | 32.3 | 15.4 | 55.3 | 33.3 | 11.4 | 29.4 | 47.3 | 23.3 | 48.1 | 5.1 | 2.1 | 26.4 | 44.3 | 19.3 | 44.0 | 42.2 | 13.8 | 18.8 | 34.1 | 47.1 | 10.7 |
| 2023 | 10.9 | 57.2 | 31.9 | 27.0 | 37.4 | 35.6 | 12.0 | 50.1 | 37.9 | 18.5 | 36.6 | 44.9 | 29.8 | 5.1 | 2.1 | 26.4 | 44.3 | 19.3 | 44.0 | 42.2 | 13.8 | 18.8 | 34.1 | 47.1 | 10.7 |
| 2022 | 4.4 | 34.0 | 61.6 | 7.1 | 26.8 | 66.1 | 6.9 | 30.9 | 62.2 | 8.6 | 27.4 | 64.0 | 10.4 | 14.1 | 81.2 | 8.7 | 18.7 | 72.6 | 6.4 | 29.6 | 64.0 | 1.2 | 15.7 | 83.1 | 0.1 |
| 2018 | 12.8 | 48.1 | 39.1 | 21.3 | 44.3 | 34.4 | 17.8 | 34.6 | 47.6 | 26.0 | 46.2 | 27.8 | 26.5 | 40.6 | 21.7 | 50.0 | 36.4 | 13.6 | 47.7 | 42.2 | 10.1 | 36.7 | 44.1 | 19.2 | 55.9 |
| 2017 | 23.5 | 24.6 | 51.9 | 20.1 | 30.1 | 49.8 | 14.1 | 36.5 | 49.4 | 31.9 | 37.1 | 31.0 | 31.4 | 43.9 | 33.4 | 23.8 | 38.1 | 38.1 | 26.3 | 40.7 | 33.0 | 20.5 | 35.8 | 43.7 | 25.3 |
| 2016 | 63.0 | 24.8 | 12.2 | 56.2 | 32.5 | 11.3 | 52.0 | 30.6 | 17.4 | 57.3 | 28.3 | 14.4 | 52.6 | 22.7 | 2.2 | 56.9 | 32.5 | 10.6 | 60.3 | 33.5 | 6.2 | 37.0 | 37.5 | 25.5 | 26.0 |
| 2015 | 16.4 | 28.0 | 55.6 | 36.6 | 39.7 | 23.7 | 25.5 | 36.4 | 38.1 | 41.2 | 34.4 | 24.4 | 40.8 | 28.5 | 16.6 | 62.9 | 31.6 | 5.5 | 55.4 | 31.1 | 13.5 | 56.3 | 28.7 | 15.0 | 69.6 |
| 2014 | 14.3 | 33.0 | 52.7 | 12.5 | 32.2 | 55.3 | 21.9 | 33.6 | 44.5 | 25.6 | 36.5 | 37.9 | 35.2 | 34.8 | 21.9 | 35.5 | 38.9 | 25.6 | 38.1 | 32.8 | 29.1 | 40.0 | 36.9 | 23.1 | 51.9 |
| 2013 | 33.1 | 45.2 | 21.7 | 10.4 | 33.2 | 56.4 | 28.4 | 47.5 | 24.1 | 38.4 | 35.1 | 26.5 | 44.0 | 45.1 | 22.4 | 20.1 | 38.4 | 41.5 | 29.6 | 40.9 | 29.5 | 19.8 | 38.9 | 41.3 | 15.3 |
| 2012 | 10.1 | 21.7 | 68.2 | 19.2 | 32.4 | 48.4 | 14.6 | 34.6 | 50.8 | 21.7 | 31.3 | 47.0 | 33.5 | 29.6 | 49.7 | 15.6 | 31.8 | 52.6 | 23.5 | 33.9 | 42.6 | 31.1 | 43.8 | 25.1 | 30.0 |
| 2011 | 17.3 | 47.0 | 35.7 | 16.3 | 34.7 | 49.0 | 13.9 | 30.2 | 55.9 | 7.6 | 22.2 | 70.2 | 6.6 | 17.6 | 73.7 | 3.8 | 16.1 | 80.1 | 13.5 | 26.1 | 60.4 | 11.4 | 22.4 | 66.2 | 50.0 |
| 2010 | 73.3 | 21.6 | 5.1 | 79.6 | 18.9 | 1.5 | 73.4 | 24.6 | 2.0 | 45.1 | 37.9 | 17.0 | 32.8 | 37.6 | 6.0 | 55.8 | 38.1 | 6.1 | 18.9 | 30.8 | 50.3 | 12.6 | 25.1 | 62.3 | 5.4 |

| MJJ | JJA | JAS | | | |
|-------|---------|-----|------|---------|------|
| 17.37 | - | - | | | |
| (B) | AMJ (N) | (A) | (B) | MJJ (N) | (A) |
| - | - | - | 53.5 | 31.3 | 15.2 |

- Enter NC_Sniper values (B, N, A) and LEPS Viewer score into the 2026 row, then click Save

Data Entry Completed

the Pacific 2026 MJJ (Fiji)

Outlook Details CO-PICs **Data** Guide

Observation CoCO

SCOPIK ACCESS-S

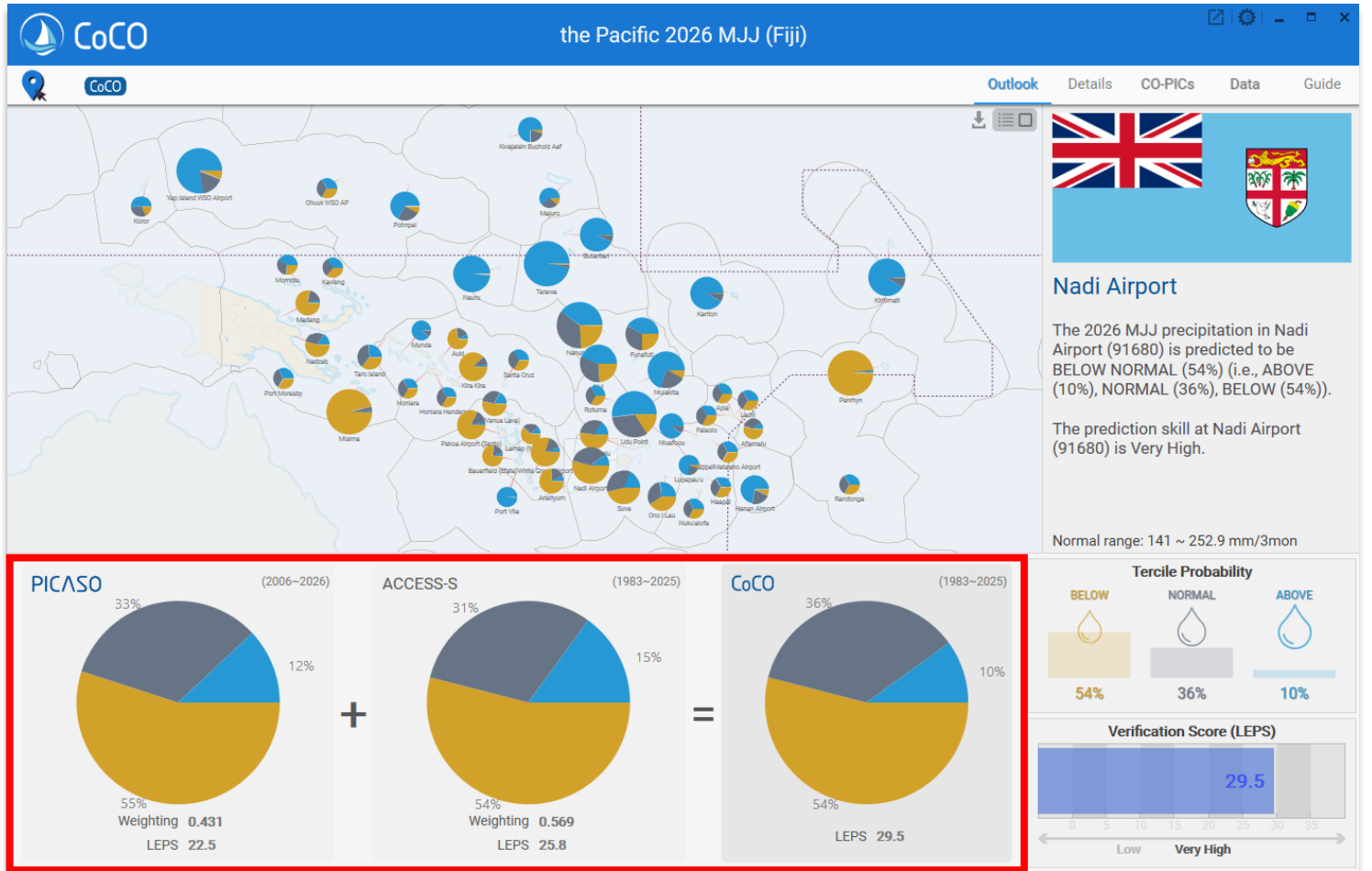
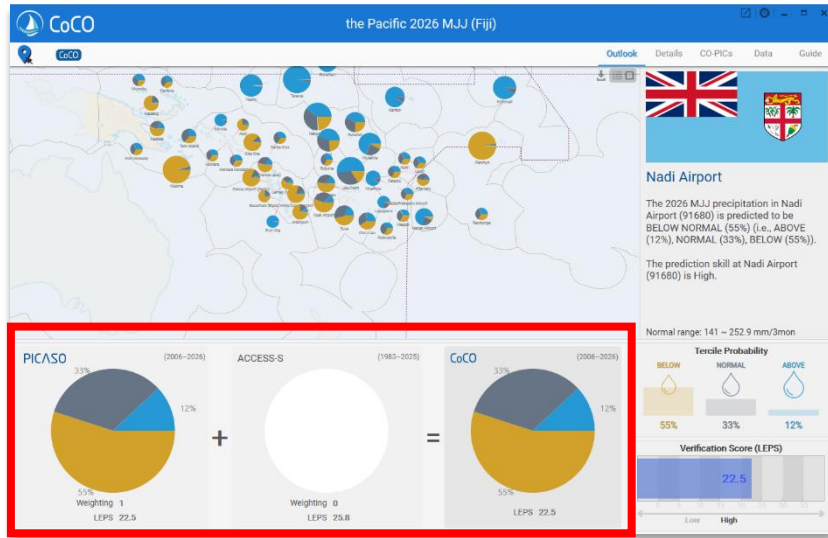
Station Year

ACCESS-S Seasonal Forecast / Nadi Airport

| | JFM | FMA | MAM | AMJ | MJJ | JJA | JAS | ASO | SON | OND | NDJ | DJF |
|------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| LEPS | | | | | 17.37 | | | | | | | |
| Year | JFM | FMA | MAM | AMJ | MJJ | JJA | JAS | ASO | SON | OND | NDJ | DJF |
| 2026 | / / | / / | / / | / / | 53.5 / 31.3 / 15.2 | / / | / / | / / | / / | / / | / / | / / |
| 2025 | / / | / / | / / | / / | / / | / / | / / | / / | / / | / / | / / | / / |
| 2024 | 53.4 / 34.4 / 12.2 | 37.4 / 41.4 / 21.2 | 43 / 45.3 / 11.7 | 40 / 32.4 / 27.6 | 59.1 / 35.6 / 5.3 | 36.4 / 44.3 / 19.3 | 44 / 42.2 / 13.8 | 18.8 / 34.1 / 47.1 | 10.7 / 31.3 / 58 | 17.6 / 33.3 / 49.1 | / / | / / |
| 2023 | 0 / 7.1 / 92.9 | 9.2 / 35 / 55.8 | 12.1 / 30.8 / 57.1 | 32.5 / 27.9 / 39.6 | 23.5 / 22.9 / 53.6 | 29.8 / 39.3 / 30.9 | 4.9 / 22.1 / 73 | 44 / 36.6 / 19.4 | 49.1 / 46.4 / 4.5 | 56.4 / 33.2 / 10.4 | 56.5 / 37.1 / 6.4 | 77.5 / 19.4 / 3.1 |
| 2022 | 12.6 / 36.5 / 50.9 | 14.5 / 35.8 / 49.7 | 0 / 2.1 / 97.9 | 1.6 / 25.5 / 72.9 | 4.7 / 14.1 / 81.2 | 8.7 / 18.7 / 72.6 | 6.4 / 29.6 / 64 | 1.2 / 15.7 / 83.1 | 0.1 / 2.8 / 97.1 | 1.8 / 14.4 / 83.8 | 0.5 / 11.5 / 88 | 7 / 22.4 / 70.6 |
| 2018 | 12.6 / 34.2 / 53.2 | 8 / 40.8 / 51.2 | 12.3 / 45.2 / 42.5 | 12.2 / 26.4 / 61.4 | 37.7 / 40.6 / 21.7 | 50 / 36.4 / 13.6 | 47.7 / 42.2 / 10.1 | 36.7 / 44.1 / 19.2 | 55.9 / 32.8 / 11.3 | 46.6 / 50 / 3.4 | 35.4 / 40.5 / 24.1 | 41.4 / 41.2 / 17.4 |
| 2017 | 21.2 / 46.5 / 32.3 | 27.9 / 32.8 / 39.3 | 22.6 / 38.2 / 39.2 | 46.8 / 36.6 / 16.6 | 22.7 / 43.9 / 33.4 | 23.8 / 38.1 / 38.1 | 26.3 / 40.7 / 33 | 20.5 / 35.8 / 43.7 | 25.3 / 46.8 / 27.9 | 9 / 46.1 / 44.9 | 5 / 22.4 / 72.6 | 10.5 / 34.5 / 55 |
| 2016 | 71.5 / 22.8 / 5.7 | 66.3 / 26.5 / 7.2 | 73.4 / 21.1 / 5.5 | 67.5 / 30 / 2.5 | 75.1 / 22.7 / 2.2 | 56.9 / 32.5 / 10.6 | 60.3 / 33.5 / 6.2 | 37 / 37.5 / 25.5 | 26 / 37.9 / 36.1 | 17.3 / 41.5 / 41.2 | 9 / 42.6 / 48.4 | 15.5 / 56.3 / 28.2 |
| 2015 | 31.9 / 53.5 / 14.6 | 23.8 / 58.6 / 17.6 | 40.1 / 35.7 / 24.2 | 62 / 32.7 / 5.3 | 54.9 / 28.5 / 16.6 | 62.9 / 31.6 / 5.5 | 55.4 / 31.1 / 13.5 | 56.3 / 28.7 / 15 | 69.6 / 21.6 / 8.8 | 81.7 / 17.2 / 1.1 | 93.6 / 6.3 / 0.1 | 78.8 / 17.8 / 3.4 |
| 2014 | 6.6 / 30.5 / 62.9 | 5.9 / 40.3 / 53.8 | 17.7 / 33 / 49.3 | 21.9 / 41.7 / 36.4 | 43.3 / 34.8 / 21.9 | 35.5 / 38.9 / 25.6 | 38.1 / 32.8 / 29.1 | 40 / 36.9 / 23.1 | 51.9 / 39.2 / 8.9 | 43.3 / 51.1 / 5.6 | 41 / 44.6 / 14.4 | 49.9 / 31.9 / 18.2 |
| 2013 | 32.6 / 49 / 18.4 | 21.5 / 28.3 / 50.2 | 13.8 / 29.1 / 57.1 | 26.4 / 31 / 42.6 | 32.5 / 45.1 / 22.4 | 20.1 / 38.4 / 41.5 | 29.6 / 40.9 / 29.5 | 19.8 / 38.9 / 41.3 | 15.3 / 33.9 / 50.8 | 18.3 / 39.1 / 42.6 | 14.2 / 40.4 / 45.4 | 15.6 / 38.2 / 46.2 |
| 2012 | 3.6 / 20.9 / 75.5 | 12.7 / 22.3 / 65 | 8.8 / 25.8 / 65.4 | 14.4 / 23.7 / 61.9 | 20.7 / 29.6 / 49.7 | 15.6 / 31.8 / 52.6 | 23.5 / 33.9 / 42.6 | 31.1 / 43.8 / 25.1 | 30 / 32.9 / 37.1 | 31 / 39.4 / 29.6 | 28.2 / 48.4 / 23.4 | 27.8 / 41.4 / 30.8 |
| 2011 | 5.7 / 18.3 / 76 | 5.2 / 31 / 63.8 | 3.9 / 24.5 / 71.6 | 3.3 / 19.1 / 77.6 | 8.7 / 17.6 / 73.7 | 3.8 / 16.1 / 80.1 | 13.5 / 26.1 / 60.4 | 11.4 / 22.4 / 66.2 | 5 / 28 / 67 | 6.5 / 16.5 / 77 | 1.7 / 16.8 / 81.5 | 0.9 / 12.5 / 86.6 |
| 2010 | 65.1 / 25 / 9.9 | 85.5 / 13.9 / 0.6 | 62 / 28.6 / 9.4 | 68.1 / 27.2 / 4.7 | 56.4 / 37.6 / 6 | 55.8 / 38.1 / 6.1 | 18.9 / 30.8 / 50.3 | 12.6 / 25.1 / 62.3 | 5.4 / 14.6 / 80 | 0.1 / 1.7 / 98.2 | 0 / 1.6 / 98.4 | 0.8 / 14.5 / 84.7 |

- Data entry is now complete — MJJ 2026: 53.5 / 31.3 / 15.2, LEPS: 17.37
- Click "Save" to apply
- ⚠ Note: If the 2026 data is not saved after clicking Save, close PICASO and restart, then repeat the process.

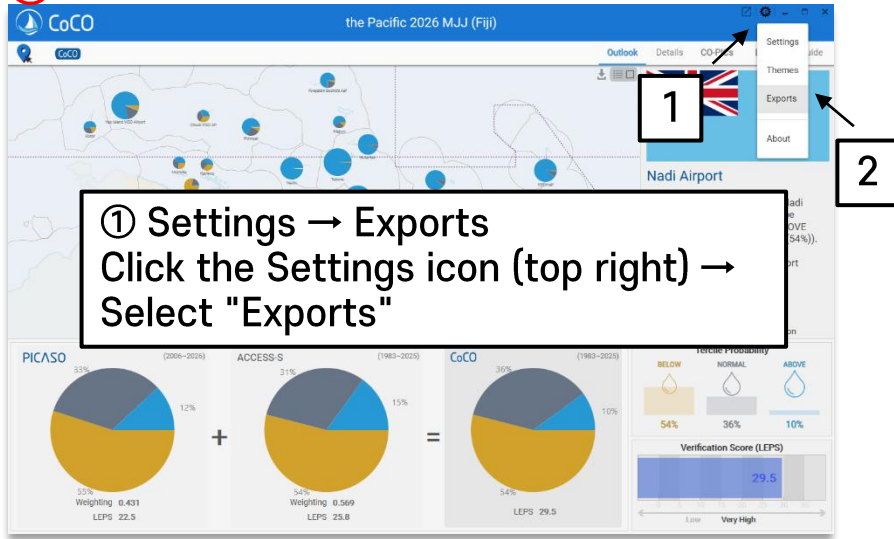
CoCO Result: Before and After ACCESS-S Data Entry



- Before: ACCESS-S data was empty → CoCO used only PICASO forecast
- After: ACCESS-S data entered → CoCO now combines PICASO+ ACCESS-S for a more accurate outlook

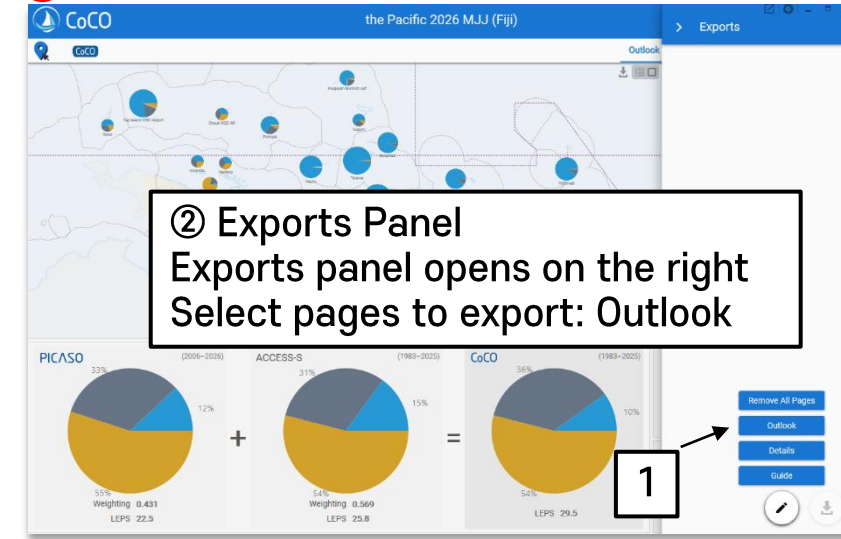
Exporting CoCO Outlook Results

①



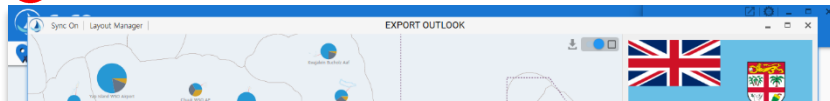
① Settings → Exports
Click the Settings icon (top right) →
Select "Exports"

②



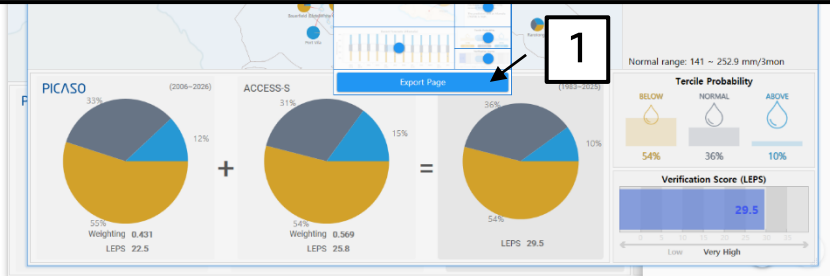
② Exports Panel
Exports panel opens on the right
Select pages to export: Outlook

③

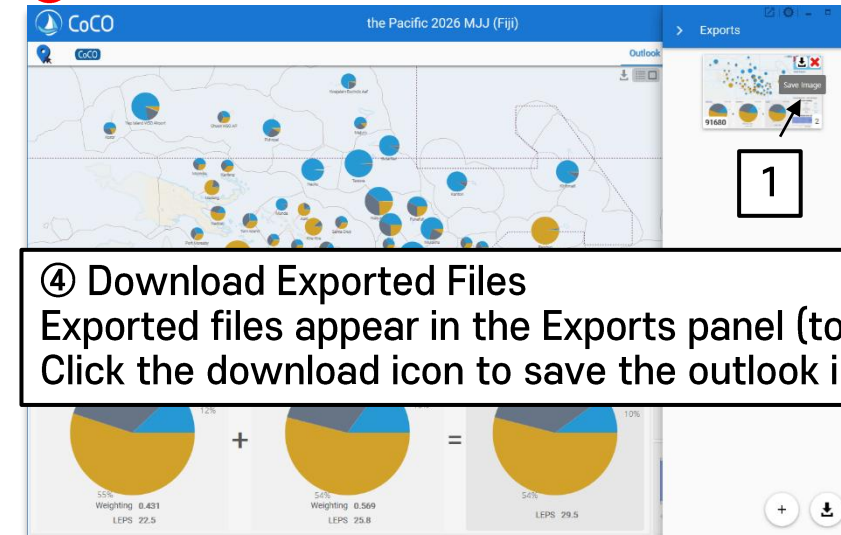


③ Export Page
Click "Export Page" button (bottom left in Layout Manager)
Export Outlook window generates the full forecast page

④

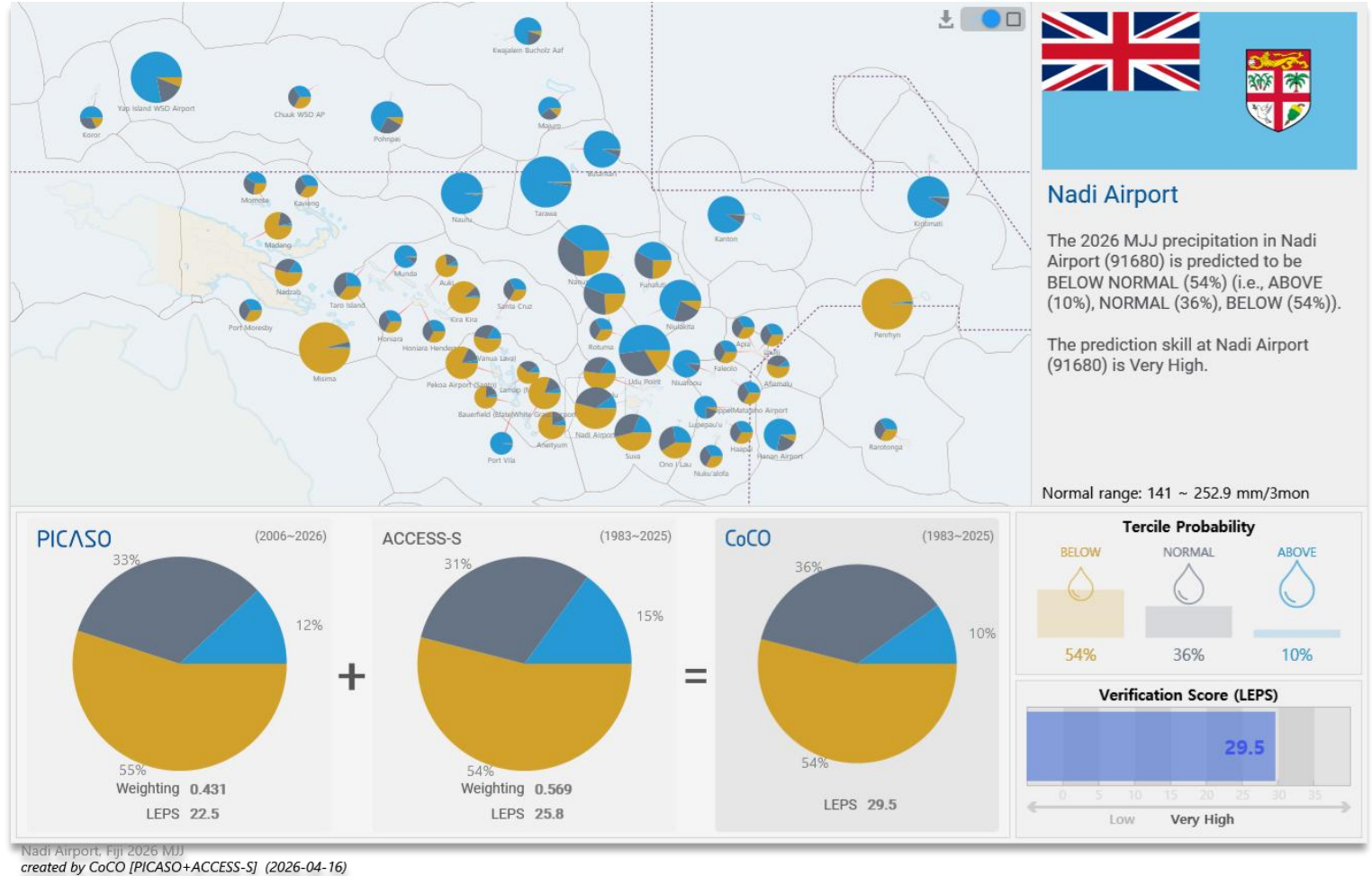
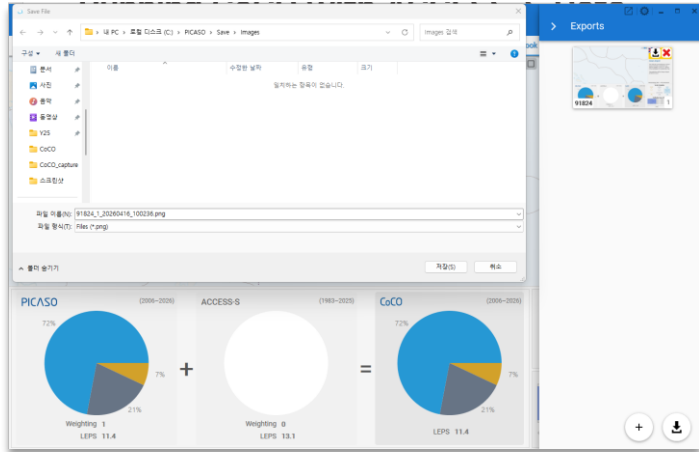


④



④ Download Exported Files
Exported files appear in the Exports panel (top right)
Click the download icon to save the outlook images

Exporting CoCO Outlook Results



- Exported outlook is saved as an image file — CoCO analysis with ACCESS-S is now complete!